Find it EZ Software Corp. DevSurge 365 enterprise Version 18.1.0 published: 2018-12-03

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About This Guide

This user guide is intended to supplement Find it EZ website resources (FAQ, Knowledge Base, Video Tutorials, and Corporate Documents) by providing step-by-step procedures to help you make the most of your Find it EZ product.

If we can improve this reference in any way, please feel free to send us your feedback and suggestions to support@finditez.com

Visit https://www.finditez.com/support/#overview for Find it EZ website resources.

This guide uses the following document conventions:

Program windows or dialog box titles are shown in bold text like this: Bold Title

Program menus are shown like this: File -> Open

Program buttons are shown like this: Cancel

Keyboard keys are shown like this: (Enter)

Program labels, radial buttons and drop down list options are shown in mixed case bold mono-type text like this: Labels

This is a hyperlink: http://www.finditez.com/

Note: This is a note.

Tip: This is a tip.

Alert: This is an alert.

Example: This is an example.

See Also:

· This is a cross-reference

About Find it EZ

Find it EZ Software Corp. is a global leader in developing and delivering productivity improvement tools for software developers. Our award winning software developer tools provide instant, comprehensive and pin-point accurate where-used results all in one place. These productivity tools offer a new solution for crystal reports designers, database developers and software vendors to better manage release changes through every phase, from more accurate estimating, to optimal design selection, rapid development, improved code quality for smoother end-user roll out and expedited critical production support.

Tools developed by Find it EZ Software Corp. support all major programming languages, reports and databases across an entire n-tier enterprise application with a single integrated package.

Productivity software tools with vendor certified support to search and document all major business intelligence reporting tools, underlying databases, programs, application logs, data files, office documents plus more for complete change impact analysis. Database developers can take advantage of a full software stack impact analysis tool that identifies all interrelated components whenever changes are planned or made in an underlying database.

By using our change impact analysis tools, software developers benefit from:

- Saving time and money by quickly searching all reports, application source code, and/or databases with just one integrated software tool.
- More accurate and efficient source code change management.
- Ability to determine the exact scope and impact of planned changes.
- Easily estimate the time required to complete a change and ensure better quality code releases.
- Effective Risk Management, Resource Management and Cost Management.

Installation, Activation, and Updates

This section describes the steps required to download, register, install, configure, update, and manage your Find it EZ license and to understand the benefits and limitations of product trials.

Download Find it EZ

- 1. Visit https://www.finditez.com/members/#downloads.
- 2. If you have not done so already, register for a free Find it EZ account.
- 3. Once logged in, click to view the Software Downloads tab.
- 4. Refer to the following documents to select the product that best meets your needs:
 - a. https://www.finditez.com/resellers/salesaids/FinditEZ_compare_editions.pdf
 - b. https://www.finditez.com/resellers/salesaids/Product%20Selection.pdf
- 5. Click on the (latest) **Version** hyperlink next to the **Product** you are interested in to begin downloading the corresponding product setup file.
- Once the setup file has been successfully downloaded, double click or open the file to run the installation process on the target workstation(s).

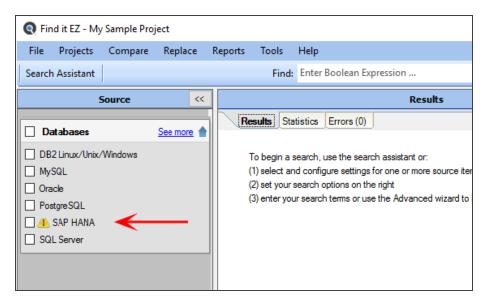
See Also:

• "My Account" on page 270

Download Connectors

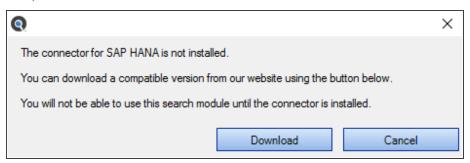
Source items that require a connector will appear with a small warning icon preceding the name. See example below:

Note: Some connectors are required (e.g. '.net') but others are optional (depending on whether or not you want to search a particular document type that then needs a corresponding vendor supplied connector). After product install on first run configuration wizard for setting up your environment, if you select one or more source items that require connectors, the wizard will prompt you to auto-download and install them. If you do not do so, or later add a source item, you will note that it has a yellow alert triangle icon next to it in the left (**Source**) panel. If you attempt to include such a source item in a project, you will be prompted to auto download and install the required connector.



Click on the source item / warning to download the associated connector.

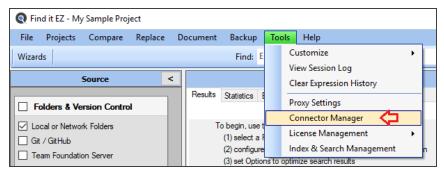
If you try to initiate a search that includes a selected source lacking a required connector, an error message will be generated. See example below:



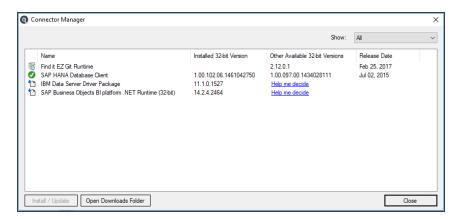
From the Program:

Note: Downloading and installing a connector will require local administrative rights on your system.

1. From the Find it EZ menu, select Tools -> Connector Manager



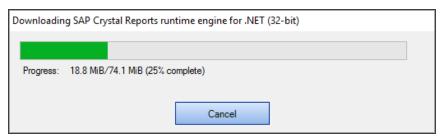
A Connector Manager dialog will appear.



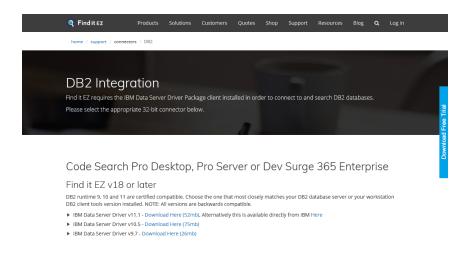
Optionally select one of the **Show** drop down options to filter the list. For example, selecting the option **Missing** will display a list of required connectors that have not yet been installed based on the source items you have configured using the **Configuration Wizard**.

Note: Items with a check-mark icon onext to them indicate you have the minimum or newer connector version detected as already installed on your system.

3. Click on any one of the items with an install icon then click the Install / Update button. The connector will begin downloading.



- a. Once downloaded, a Find it EZInstallShield Wizard will appear.
- b. Click on the Next button.
- c. Read and follow the instructions provided.
- d. When complete, click on the Finish button.
- 4. OR, click on any one of the items with a download compatible version icon , then click the Help me decide button or hyperlink for that item. This will launch your browser and open a page on the Find it EZ Software Corp. website to help you select the correct version of the connector based on other related software installed on your workstation. For example, clicking on the "IBM Data Server Driver Package" for the required DB2 connector will take you to this page, see below:



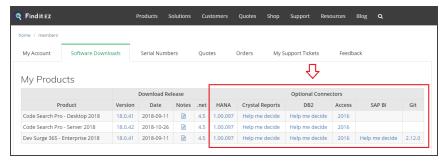
5. Follow the instructions on the website page to select, then download and chose to either save or run the corresponding setup package depending on your browser and network security permissions.

Note: If you chose to save the setup package to your local system, you will then need to locate and run it with administrative rights once the download completes successfully.

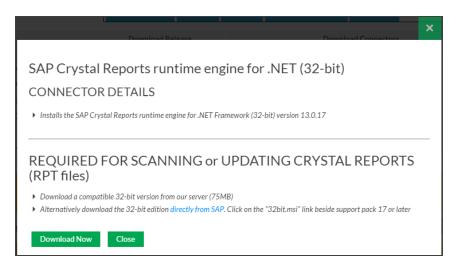
Tip: The Open Downloads Folder button will contain all downloaded Find it EZ setup packages within this default path: C:\ProgramData\Bits n Bytes Software Inc\Installers. To keep all related downloads organized for re-use, it is recommended that you save these "version compatible" connector setup packages to this specific folder location as well.

On the Website:

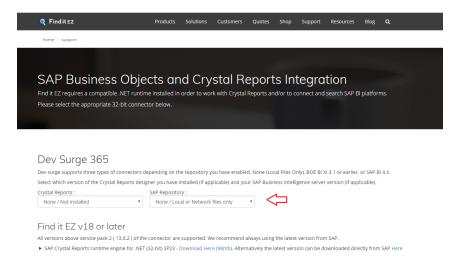
- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Software Downloads tab. A list of product releases and optional connectors will appear.



- 3. Locate the product release for which you want to download a connector.
- 4. In the Optional Connectors section of the table, click on the corresponding hyperlink in the desired connector column. For all hyperlinks that <u>do not</u> contain the text Help me decide, a Connector Details dialog box will appear. See example below:



- 5. To download the selected version from the Find it EZ server, click on the **Download Now** button. OR,
- Where applicable, to download the selected version directly from Microsoft (i.e. Access) or directly from SAP (i.e. Crystal Reports), click on the directly from Microsoft or directly from SAP link, respectively. See example above.
- 7. The connector will begin downloading.
 - a. Once downloaded, a Find it EZ InstallShield Wizard will appear.
 - b. Click on the Next button.
 - c. Read and follow the instructions provided.
 - d. When complete, click on the Finish button.
- 8. To close the **Connector Details** dialog box, click on the **Close** or **X** button.
- 9. OR, in the **Optional Connectors** section of the table, if you chose any connector with the hyperlink text **Help me decide**, a website page will display with instructions to guide you through selecting a compatible version depending on related software that may be installed on your workstation or network environment. See example below:



10. Follow the instructions on the web page to filter the recommended compatible version of the connector to be installed.

11. Once the recommended connector download link is displayed, click to download and chose to either save or run the corresponding setup package depending on your browser and network security permissions.

Note: If you chose to save the setup package to your local system, you will then need to locate and run it with administrative rights once the download completes successfully.

See Also:

- · "Check for Updates" on page 26
- · "Download Release Version" on page 281
- "Download .NET Framework" on page 287

View or Edit Proxy Settings

If your corporate network uses a proxy server firewall to manage all incoming and outgoing (Internet) traffic, you will need to configure settings within a running Find it EZ program to enable automated "check for updates on start-up" as well as automated download and install of optional connectors or upgrades.

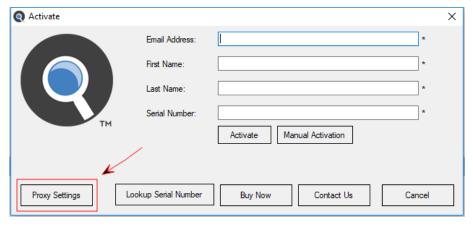
Note: The proxy server itself will also need to be configured to permit inbound / outbound traffic over secure port 443 to the following two Find it EZ Software Corp. website addresses:

- activation.finditez.net (for update checks and automated product activation)
- · cdn.finditez.com (for integrated product and connector setup file downloads)

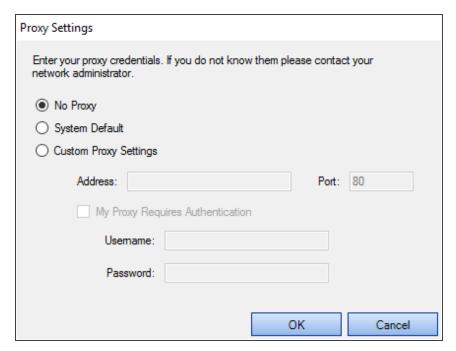
Please contact your Network Administrator to ensure these website address' are white-listed in your proxy server.

There are three ways you can enter proxy settings. In all cases, the settings are saved between sessions. Note that saved passwords, if required for your proxy, are automatically encrypted for security.

From the Program Activation Dialog Window:



- 1. Before clicking on the Activate button, check your Proxy Settings.
- 2. Click on the **Proxy Settings** button. The **Proxy Settings** dialog box will appear.

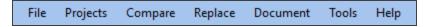


3. Choose System Default and/or enter Custom Proxy Settings, as required for your network.

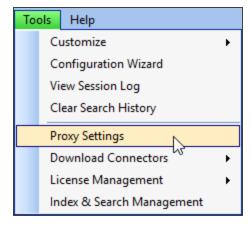
Note: If you don't know your proxy settings, please contact your Network Administrator.

4. To save your changes and close the **Proxy Settings** dialog box, click on the **OK** button.

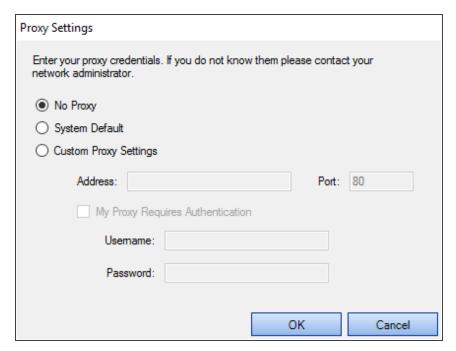
From the Program Main Menu:



1. Select Tools -> Proxy Settings.



The **Proxy Settings** dialog box will appear, as below:

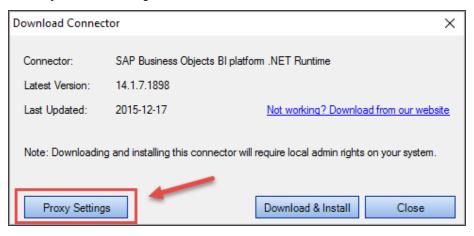


2. Choose System Default and/or enter Custom Proxy Settings, as required for your network.

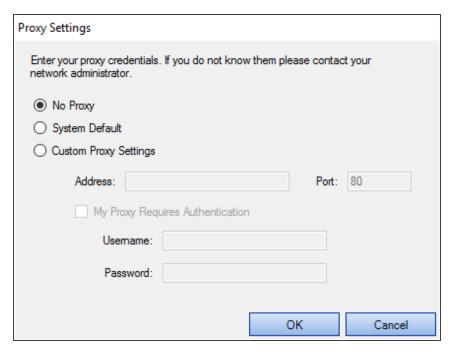
Note: If you don't know your proxy settings, please contact your Network Administrator.

3. To save your changes and close the **Proxy Settings** dialog box, click on the **OK** button.

From any Download Dialog Window:



- 1. Before clicking on the **Download & Install** button, check your Proxy Settings.
- $2. \quad \hbox{Click on the} \ \, {\color{red} \textbf{Proxy Settings}} \ \, \text{button. The Proxy Settings dialog box will appear.}$



3. Choose System Default and/or enter Custom Proxy Settings, as required for your network.

Note: If you don't know your proxy settings, please contact your Network Administrator.

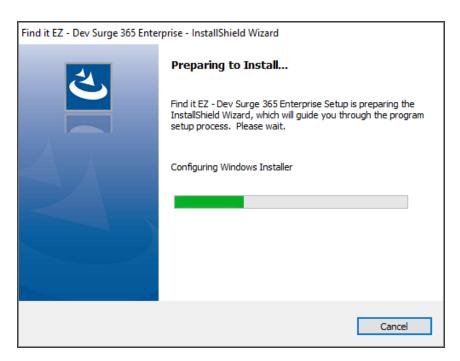
4. To save your changes and close the **Proxy Settings** dialog box, click on the **OK** button.

Installation and Configuration Wizard

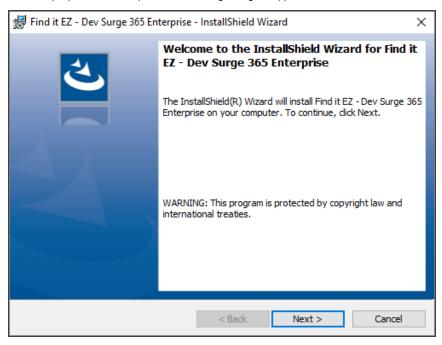
Install Dev Surge 365 Enterprise

Once the setup file has been successfully downloaded:

1. Locate and double-click on the *.exe file in the lower, left of your desktop or in your Downloads folder. The **Preparing to Install...** dialog will appear, as below:



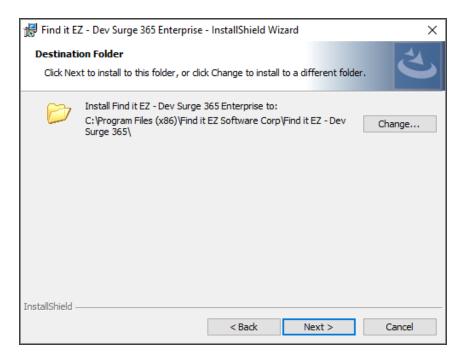
Once the preparation is complete, the following dialog will appear:



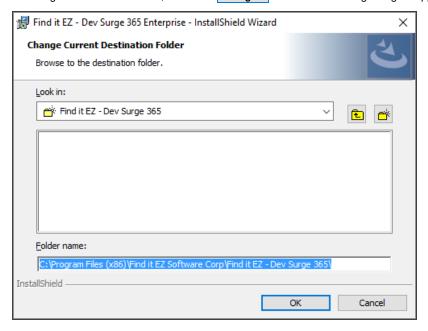
2. Click on the **Next** button to continue. The **License Agreement** dialog will appear, as below:

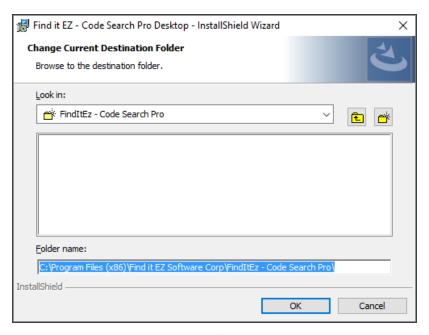


- 3. Read and accept the license agreement as follows:
 - a. Use the vertical scroll bar to read the license agreement carefully and thoroughly.
 - b. To print the license agreement, click on the **Print** button. A **Print** dialog will appear. Configure print settings as desired and click on the **Print** button.
 - c. To accept the license agreement, click to choose the I accept the terms in the license agreement option.
- 4. Click on the Next button to continue. The Destination Folder dialog will appear, as below:

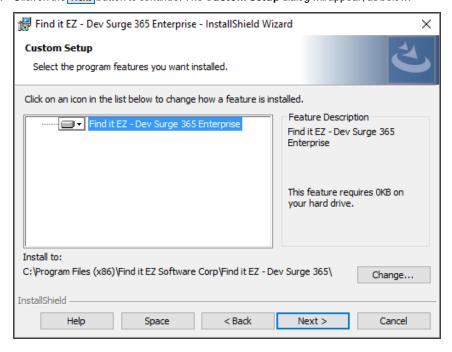


a. To change the destination folder, click on the **Change...** button. The following dialog will appear:

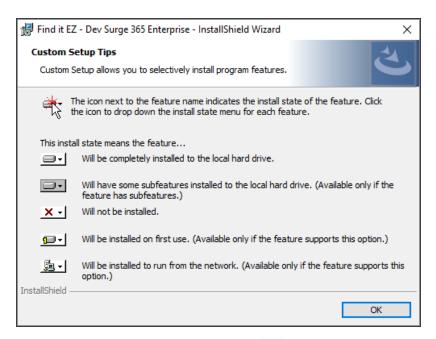




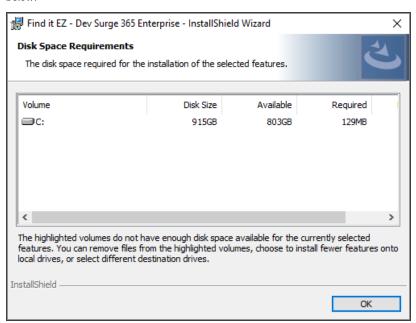
- b. Make changes, as desired, and click on the **OK** button to close the dialog.
- 5. Click on the **Next** button to continue. The **Custom Setup** dialog will appear, as below:



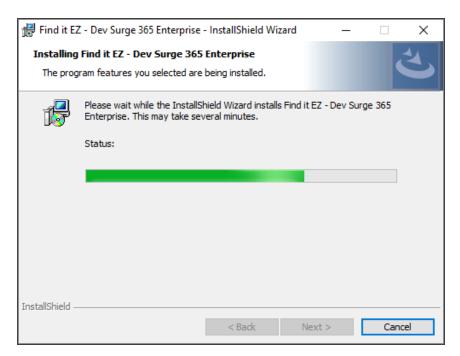
a. To change how a feature is installed or to exclude a feature, click on the icon preceding the feature name and select the desired option from the context menu. For more information, click on the Help button. See below:



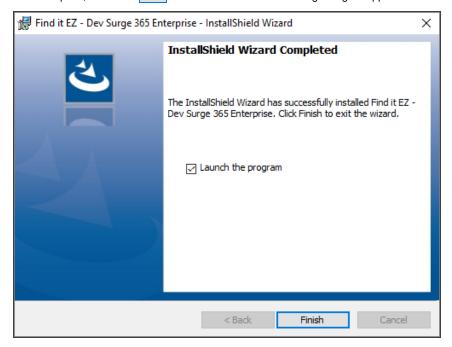
- b. To close the **Custom Setup Tips** dialog, click on the **OK** button.
- c. To view available disk space, click on the Space button. The Disk Space Requirements dialog will appear, as below:



- d. To close the **Disk Space Requirements** dialog, click on the **OK** button.
- 6. Click on the Next button to continue. The installation will begin and the following dialog will appear:



7. Once complete, click on the **Next** button to continue. The following dialog will appear:

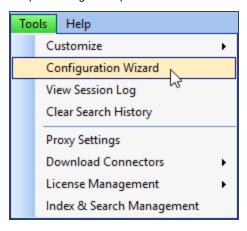


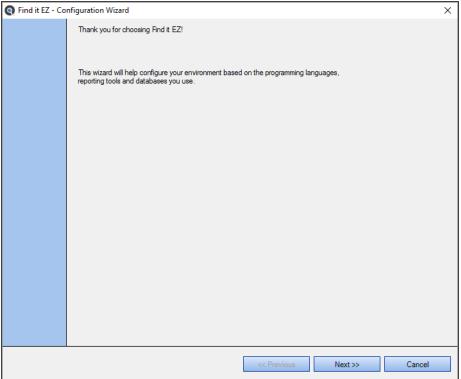
To launch the program after installation, click to select Launch the program (selected by default).

 $8. \quad \text{To complete the installation, click on the} \\ \hline \textbf{Finish} \\ \text{button. If selected, the program will launch.}$

Custom Configuration

After you download and install Find it EZ and run it for the first time, a **Configuration Wizard** opens to walk you through the initial setup and configuration process. This wizard can also be run at any time from the **Tools** -> **Configuration Wizard** menu, as below:





- 1. Click on the Next >> button to continue through the steps (click on the <- Previous button to go back at any point during the wizard).
- 2. Once complete, click on the **OK** button to save all changes and close the **Configuration Wizard**.
- 3. To exit and discard all changes at any point during the wizard, click on the **Cancel** button. This will apply and use your existing configuration settings.

See Also:

- "Download Find it EZ" on page 3
- "Configuration Wizard" on page 60
- · "License Manager" below

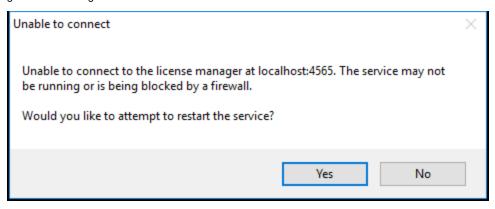
License Manager

License manager is a product license authorization check on start-up (e.g. a trial period or SaaS annual renewal period check to see if it is valid before running the program). The license manager has to be running (as a Windows Service).

Note: The license manager runs within (behind) the firewall so is secure and US Health Insurance Portability & Accountability Act (HIPAA) compliant.

During install, a warning that it is going to be listening on a TCP/IP port may be issued by Windows during setup.

If the service is not running or does not start automatically (by default), or the license manager can not be contacted due to firewall restrictions on your network, you will receive an "Unable to connect to the license manager..." dialog preventing the Find it EZ program from running.



If you receive this alert, try the following solutions to resolve this issue:

- 1. Click on the Yes button on the message to try restarting the service.
- 2. Use the Windows Task Manager to attempt to restart the Find it EZ license manager services.
- 3. Download and/or re-install the software.
- 4. If none of the above work, contact your local technical support or contact Find it EZ support and provide log files using the Help -> Send Logs to Support menu.

See Also:

- "Serial Numbers" on page 293
- "Installation and Configuration Wizard" on page 11

Activate License

To activate your license:

Activate

Email Address:

First Name:

Last Name:

Serial Number:

*

Activate

Manual Activation

Proxy Settings

Lookup Serial Number

Buy Now

Contact Us

Cancel

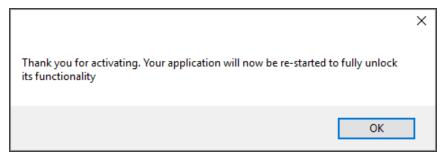
1. Once the product is downloaded and installed, launch the program. The Activate dialog box will appear, as below:

2. Enter your account Email Address, First/Last Name, and product Serial Number.

Note: If access to the Internet is protected by a proxy firewall within your network, click on the **Proxy Settings** button and enter the required credentials before clicking the **Activate** button. For more information, see "View or Edit Proxy Settings" on page 8

Note: To find your serial number, click on the **Lookup Serial Number** button. The member website will open in a browser window. Log in and the **Serial Numbers** tab will open. Locate and copy the product serial number.

3. Click on the Activate button. If successful (see message below), the program will be activated for use.



To close the message, click on the **OK** button.

Note: If you receive an error message (e.g. "Entered information is incorrect. Please check the serial number and try again"), try again. Ensure there are no extra characters or spaces in the serial number. If you feel you are receiving this message in error and continue to experience difficulty attempting to activate your product, please contact sup-port@finditez.com.

See Also:

- "Enter New Serial Number" on page 295
- "View or Transfer Current License" on page 293
- "Download Find it EZ" on page 3
- · "Download Release Version" on page 281
- "Get a New Trial License" on page 296
- "View or Edit Proxy Settings" on page 8

Activate License Manually

If you have a corporate security policy that does not allow the workstation on which you are installing Find it EZ to be connected directly to the Internet, use manual activation.

This is quite common in large corporations where outbound internet connections are locked down (on certain ports) or not available to go to a given website domain, etc. Our automated activation system is a web service on domain activation.finditez.net, on SSL port 443. A corporate security policy may prevent an application from attempting to "call out," or may not allow a connection to this specific secure domain address. However, they could often still use a web browser to go to our website on www.finditez.com as the most corporate internet use security policies typically allow normal internet access to trusted websites.

In cases where no Internet access is allowed even from a web browser, the end user would have to find a workstation (home computer other office computer that is permitted web browsing) from where they can perform the manual activation by sending the files back and forth between a computer with Internet access and the computer upon which the Find it EZ application is installed.

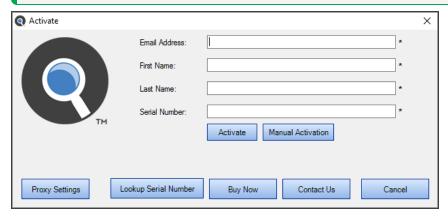
Note: Pending receipt of payment, manually activated licenses will automatically expire within 30 days. Once expired, manual activation will be required upon receipt of payment.

Note: Upon receipt of payment, manually activated licenses will automatically expire at the end of each software subscription period. Once expired, manual activation will be required upon each renewal.

From the Program:

1. Once the product is downloaded and installed, launch the program. The Activate dialog box will appear.

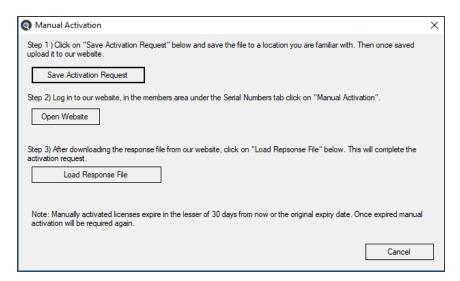
Note: You can also access the Activate dialog box from the menu; select *Tools -> License Management -> Enter New Serial Number*.



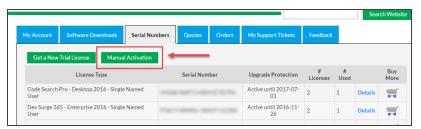
2. Enter your account Email Address, First/Last Name, and product Serial Number.

Note: To find your serial number, click on the **Lookup Serial Number** button. The member website will open in a browser window. Log in and the **Serial Numbers** tab will open. Locate and copy the product serial number.

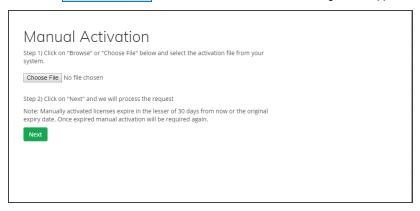
3. Click on the Manual Activation button. The Manual Activation dialog box will appear, as below:



- 4. Follow the instructions in Step 1); to create an activation request file. Save it to a folder or location such as your desktop that you will be able to access for uploading this temporary file to our website.
- 5. In Step 2), click on the Open Website button to launch your default browser with our website log in page.
 - a. Log in to the Find it EZ member website.
 - b. Click on the Serial Numbers tab.



c. Click on the Manual Activation button. The Manual Activation dialog box will appear, as below:



d. Click on the **Choose File** button to load the *FinditEZ_request.dat* file you saved it in step 4 above.

Manual Activation

Step 1) Click on "Browse" or "Choose File" below and select the activation file from your system.

Browse... FinditEZ_request.dat

Step 2) Click on "Next" and we will process the request

Note: Manually activated licenses expire in the lesser of 30 days from now or the original expiry date. Once expired manual activation will be required again.

e. Click on the **Next** button. A response file will be generated. See example below:

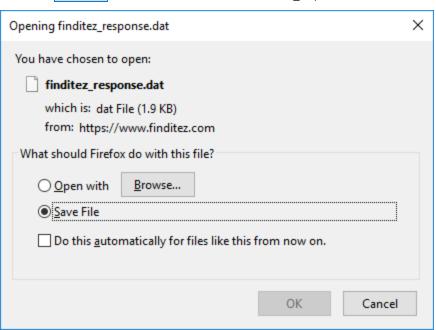
Manual Activation

Step 3) Activate Find it EZ

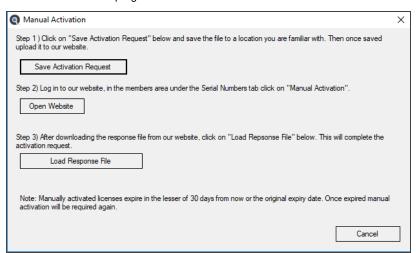
Click on "Download" below to download your response file. Please save this in a place you will remember and then load it into the application as prompted.

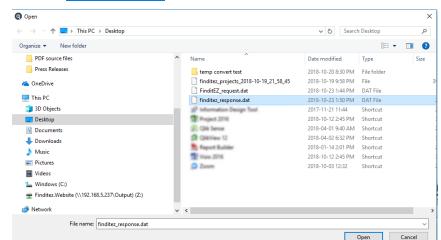
Thank you for using our manual activation service.

f. Click on the **Download** button to download and save the *finditez_response.dat* file.



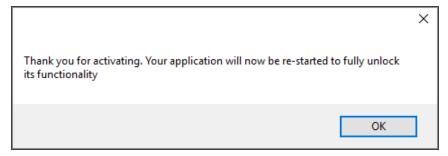
g. Return to the Find it EZ program.





6. Click on the Load Response File button to locate and select (click to highlight) the saved response file.

7. Click on the Open button. The program will be activated for use.



Product Trials and Limits

Product trails are subject to the following limitations:

- Time limited
- · Features (# of documents processed and contained in exported reports or conversion wizards) capped
- · Ability to create projects is restricted
- Number of trial licenses issued per customer capped (by unique company email domain)

All above get auto-reset whenever we release a new minor or major build. Release numbering is: major.minor.build. Customers can request a new trial whenever we announce / post a new major or minor release after their past trial with an earlier version has expired.

While in trial mode, creating projects is restricted:

- Code Search Pro (Desktop & Server): you can only create one additional project; just the single "Default" project plus one
 custom user-defined project is allowed.
- Dev Surge 365: you can create only one additional (i.e. a maximum of 2) projects. This is required to permit easier evaluation of the "Compare" wizard (i.e. compare the default project to a "new" second project).
- The Default project can not be deleted. However, the one additional project permitted in a Dev Surge 365 trial could be
 deleted if desired to test this feature.

Users also have full access to document filtering and managing their index so that they can bring in and check functionality
against various subsets of documents.

Number of licenses per customer:

- Equal to the number of registered login accounts linked to the customer account (+1 when the trial key is requested).
- · A customer (user) can request a trial for each product edition. They are separate, unique keys and trials.
- · We can, at our discretion, grant extensions or additional trial licenses upon request.
- · Feature limits are indicated in the table below.

Number of documents processed feature limits in trial mode:

	Report Wizards Output	Change Report Con- nections	Change BOE Schedules Authentication
Code Search Pro Desktop	50	50	
Code Search Pro Server	100	100	
Dev Surge 365 Enterprise	100	100	100

Note: Both in trial and fully unlocked mode, all products allow indexing, searching and comparing (Dev Surge 365 feature only), an unlimited number of database objects, reports, programming source code, data and log files or office documents.

The product trial time limits are:

Code Search Pro Desktop: 15 days
Code Search Pro Server: 30 days
Dev Surge 365 Enterprise: 30 days

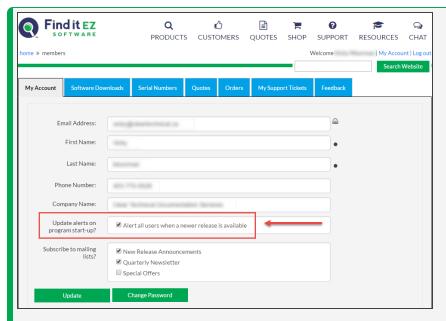
Check for Updates

From the Program:

On start-up, an updates available check is performed provided:

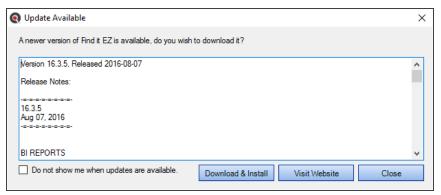
- A. You are connected to the Internet, and your proxy or firewall is not preventing traffic to our web service on https://activation.finditez.net.
- B. Your account profile is not set to skip the updates available check. Note, this setting may be used by and administrator to prevent all end-users from receiving this message and attempting to upgrade independently rather then by a more controlled corporate roll-out.

Note: If your system is connected to the Internet on start-up of Find it EZ, by default you will automatically receive this **Update Available** notice. This on-start-up check can be disabled for all Find it EZ users in your company by logging into your online company profile and disabling this default setting at any time. This will affect all users linked to the company profile. See below:



Alternatively, you may disable on start-up checks for your individual workstation by changing your custom profile using the *Tools -> Customize -> User Options* menu.

- 1. From the Find it EZ menu, select Help -> Check for Updates
- 2. If no updates are available, you will receive a message that reads "No updates available at this time." To close this message, click on the **OK** button.
- $3. \quad \text{If updates are available, an } \textbf{Update Available} \text{ dialog will appear as in the example below:} \\$



4. Use the vertical scroll bar to view all release notes.

5. To download and install the update, click on the Download & Install | button. A Download Update dialog will appear.



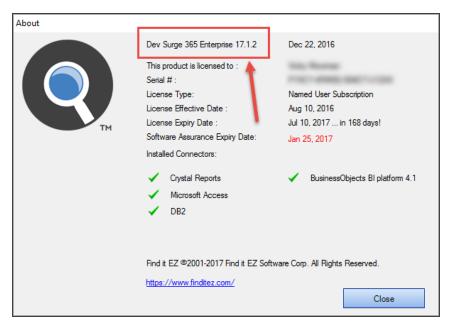
- a. To enter proxy settings, click on the Proxy Settings button.
- b. To download and install the update, click on the **Download & Install** button. The download will begin.
 - i. Once completed, the InstallShield Wizard will appear to walk you through the installation process.
 - ii. Follow the screen instructions and click on the **Next** button to proceed through the steps.

On the Website:

1. Log in to your Find it EZ Member Account. Click on the Software Downloads tab.



2. Launch Find it EZ; from the main menu, select Help -> About.



3. Compare the latest posted release number under the **Version** column (on the website) corresponding to your product edition (on the **About** dialog). If the version posted on the website is newer, an update is available.

Note: Provided your software assurance plan is active, you may download and install the latest upgrade for free.

Via Email from Find it EZ Software Corp.:

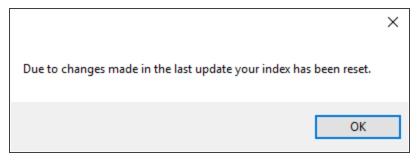
All users on an active software assurance plan will receive email notification of new (optional / recommended / required) upgrades, releases, updates, patches, and offers.

Note: You may disable automatic notifications by logging into your profile and changing your email notice preferences (as above), or by clicking on the "unsubscribe" hyperlink on any update notice received.

Note: If your support plan has lapsed or you have not yet decided, you may request a free trial key to see what's new.

Index Reset on Upgrades

After upgrading to a newer version of the application where there is an a index structure change or model change, you will see the following message:



In these circumstances, the index needed to be cleared in order to make the new information available.

To clear this message, click on the **OK** button.

See Also:

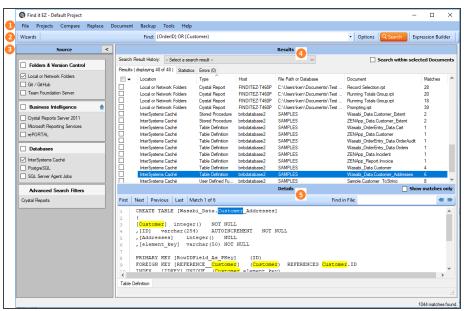
- "Download Release Version" on page 281
- "Download .NET Framework" on page 287
- "Download Connectors" on page 288
- "View or Edit Proxy Settings" on page 8

Product Overview

This section provides an introduction to Find it EZ user interface layout, navigation methods, **Tools** menu customization options, **File** and **Document** menu options.

User Interface Layout

Refer to the image and table below for a description of the key components of the Find it EZ user interface:



#	Name	Description
1	Menu	Click on a menu item to view and navigate projects and settings, initiate a task, export or print results, access user options, reports, help, and more.
2	Search	Quickly initiate a search.
3	Source	This panel allows you to select and configure settings for the source files (File Locations, Databases, BI Reports, Programs, and Documents) within which you want to search. Show or hide the panel by using the and buttons. Expand or collapse a source category by using the or buttons (note that a category cannot be collapsed if an item has been selected). In the desired category, click to check the desired source items. To select all items in a category, click to check the uppermost check-box located in the category header.
4	Results	Once a search is complete, results can be viewed or edited via this window. Select a tab to view Results , Statistics , and Errors .
6	Details	When a result is selected in the Results window, details will appear in this window.

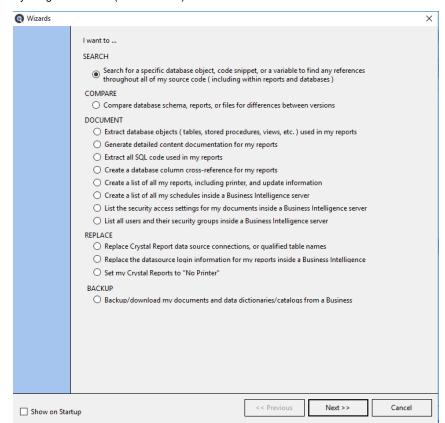
See Also:

- "Wizards Overview" on page 117
- "Perform a Regular Search" on page 161
- "Use the Expression Builder" on page 167
- "Work With Search Results" on page 177
- "View Search Result Details" on page 192

Navigation

Navigation in Find it EZ is accomplished in two main ways:

1. By using the Wizards (for new users).



Note: Many of the items included in the **Wizards** can also be accessed directly via the main menu. Refer to the table below.

2. By performing a Regular Search from the main screen (for intermediate or advanced users).

Navigation

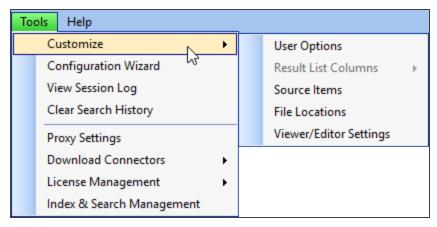
Wizard Option	Menu Navigation	Sample Documents
Search for a specific database object, code snippet, or a variable to find any references	See links at end of topic.	List XLSX
throughout all of my source code (including within reports and databases)		List HTML
		Detail XLSX
		Detail HTML
Compare database schema, reports or files for differences between versions	Compare -> Docu- ments, Reports & Data- bases	List XLSX
		Detail HTML
		Detail XLSX
Extract database objects (tables, stored procedures, views, etc.) used in my reports	Document -> Business Intelligence -> Data- base Cross-Reference	XLSX
Generate detailed content documentation for my reports	Document -> Busi-	HTML
	ness Intelligence -> Report Definition	TXT
Extract all SQL code used in my reports	Document -> Busi- ness Intelligence -> Show SQL Queries	HTML
		TXT
Create a database column cross-reference for my reports	Document -> Busi- ness Intelligence -> Column Cross- Reference	XLSX
Create a list of all my reports, including printer and update information	Document -> Busi- ness Intelligence -> Report Listing	XLSX
Create a list of my all my schedules inside a Business Intelligence server	Document -> BI plat- form sub-menu -> Report Schedules	SAP XLSX
		SSRS XLSX
List the security access settings for my documents inside a Business Intelligence server	Document -> SAP BOE / Crystal Server -> Security Listing	XLSX
List all users and their security groups inside a Business Intelligence server	Document -> SQL Reporting Services -> Report Schedules	XLSX
Replace Crystal Report data source connections or qualified table names	Replace -> Crystal Reports -> Data source connections or qual- ified table names	

Wizard Option	Menu Navigation	Sample Documents
Replace the datasource login information for my Reports in a Business Intelligence server	Replace -> Crystal Reports -> BOE BI Database logon inform- ation	
Set my Crystal Reports to "No Printer"	Replace -> Crystal Reports -> Set Reports to "No Printer"	
Backup / download my documents and data dictionaries / catalogs from a Business Intelligence server	Backup -> SAP BOE / Crystal Reports Server	

See Also:

- "Perform a Regular Search" on page 161
- · "Launch the Wizards" on page 117
- "Use the Expression Builder" on page 167

Customize Find it EZ Program Settings



The view of the main Find it EZ screen can be customized as follows:

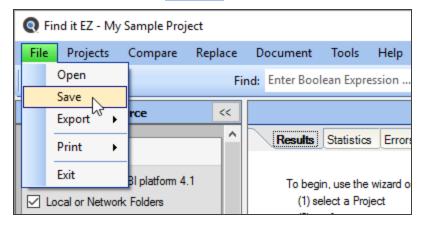
- To show or hide the **Source** panel on the left, see "Product Overview" on page 31
- To expand or collapse **Source** items, see "Product Overview" on page 31
- To add or remove Source items, see "Configuration Wizard" on page 60 or "Show or Hide Source Items" on page 54
- To show or hide Project Settings each time you select a source item, see "File Locations and Source Settings" on page 74
- To customize file type processing by extension or select a custom source item "opens with" viewer / editor, see "Viewer / Editor Settings" on page 57
- To customize Results list columns, see "Show or Hide Result List Columns" on page 54
- To show or hide the Wizards on start-up, see "Show Wizards on Start-up" on page 122

File Menu Options

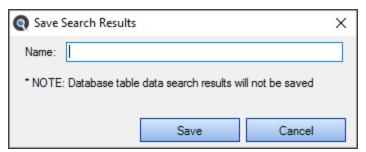
This section describes the various options available via the **File** menu. Follow the steps to save or open saved search results, save project settings, export or print search results, and to exit Find it EZ.

Save Search Results

- 1. Perform a search.
- 2. From the Find it EZ menu, select File -> Save .



3. A Save Search Results dialog box will appear, as below:

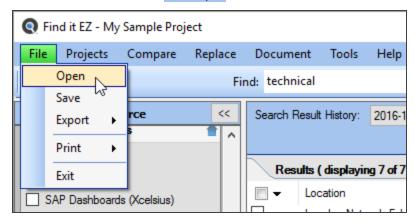


- 4. In the Name text box, enter a descriptive name for the results.
- 5. Click on the Save button.

Note: Once you save search results, every subsequent change to the search results elements are automatically resaved. Also, If any search results have annotations or have been marked complete and you attempt the exit/close the program without first saving your results, you will be prompted to save your search results, continue without saving, or keep the program open.

Open Saved Search Results

1. From the Find it EZ menu, select File -> Open



2. An Open Search Results dialog box will appear.



3. From the Search drop-down list, select the name of the saved search results.

Note: Once saved results are opened, all further changes to them are automatically saved (this is reset when you exit the program OR if you run another search to replace the "SAVED / re-Opened" search results that you had been working with. Also, when you open a previously saved search result, this also auto-switches to the saved Project settings. The saved results listed include the following identifiers: Date, Time, [File] Name, Project Name, Search Type, and Search text.

4. Click on the Open button. The selected search results will appear in the Results window.

See Also:

- "Wizards Overview" on page 117
- · "Perform a Regular Search" on page 161
- "Add or Edit Annotations" on page 200
- "Mark Item(s) Complete or Incomplete" on page 196

Save Project Settings

If you have only one project (the Default project) and can have more than one project, you will be prompted to save your current settings as a New Project upon closing the program. Click on the **OK** button to save your settings.

See Also:

• "Product Trials and Limits" on page 25

Export Search Results

Follow these instructions to export data following a search using the File -> Export menu:

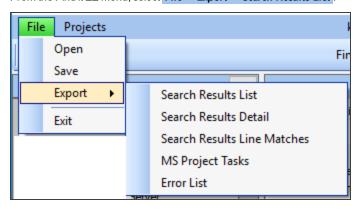
- Search Results List
- Search Results Detail
- Search Results Line Matches
- MS Project Tasks
- Error List

When you generate any of these reports with the exception of the Error List, a **Select the items to include** dialog appears so that you can filter which search items are to be included in the file contents generated. For the Error List, all search errors are included. Select your content filter preference for any of the other reports and click the **Next** button, a **Save As** dialog appears. Browse to the folder location where you would like to save the file, select the output file type, enter a **File name** and click on the **Save** button. The report is created and a **Save Complete** alert dialog window appears. To view the saved report, click on the **View Now** button.

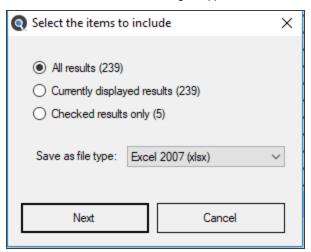
Export Search Results List

An exported search results list will create a spreadsheet containing all or a subset of your search results. This saved .xslx file can then be redistributed, changed, or printed using your default spreadsheet editor (e.g. Excel).

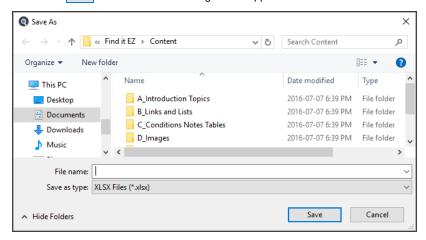
- 1. Open a previously saved search result using the File -> Open menu or perform a search.
- 2. From the Find it EZ menu, select File -> Export -> Search Results List .



3. A Select the items to include dialog will appear.

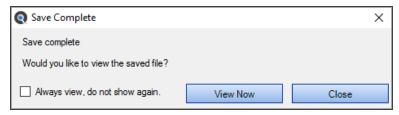


- a. Click to choose one of the options; All results, Currently displayed results, or Checked results only.
- b. Chose a file type from the options available.
- c. Click on the Next button. A Save As dialog box will appear.



- i. Navigate to the destination folder.
- ii. Enter the desired File name.
- iii. Click on the Save button.

- d. A Save Complete dialog will appear (see below).
 - i. To view the saved file, click on the View Now button. The file will open in the selected viewer (see below).



Tip: Click to check the Always view, do not show again check-box to always view the saved results file.

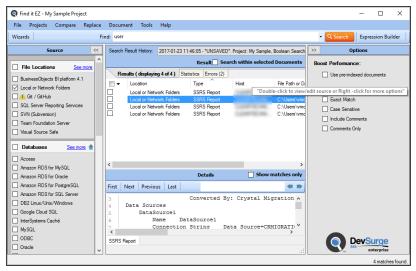
- ii. To close the **Save Complete** dialog, click on the **Close** button.
- 4. Exported search results will contain the following data columns:
 - · Source Location
 - File Type
 - · Host Name
 - · File Path or Database
 - Document Name
 - · Number of Matches
 - Annotations

Export Search Results Detail

An exported search results details will create a spreadsheet containing all or a subset of your search results. This saved .xslx file can then be redistributed, changed, or printed using your default spreadsheet editor (e.g. Excel).

- 1. Open a previously saved search result using the File -> Open menu or perform a search.
- 2. To export selected details only:

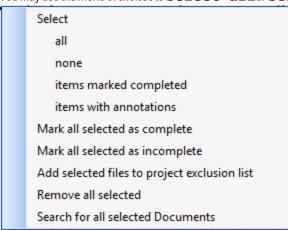
In the Results window, click on a result row. Details will appear in the Details window.



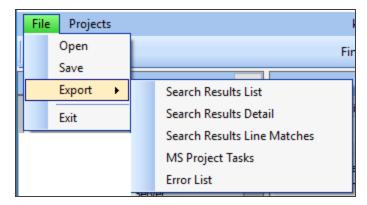
- a. Left click the check-box next to each item you wish to include from the results list.
- $b. \quad \mathsf{OR}, \mathsf{left}\text{-}\mathsf{click}\,\mathsf{on}\,\mathsf{the}\,\mathsf{check}\text{-}\mathsf{box}\,\mathsf{in}\,\mathsf{the}\,\mathsf{results}\,\mathsf{title}\,\mathsf{bar}\,\mathsf{for}\,\mathsf{a}\,\mathsf{drop}\,\mathsf{down}\,\mathsf{list}\,\mathsf{of}\,\mathsf{actions}\,\mathsf{available}.$



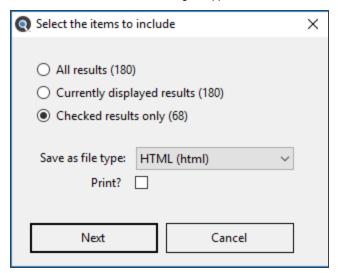
You may use the menu of choices to **select allor select none**, etc.



- c. OR, right click for a context menu to appear. You may use this context menu to **select all** or **select none**, etc.
- 3. From the Find it EZ menu, select File -> Export -> Search Results Detail .

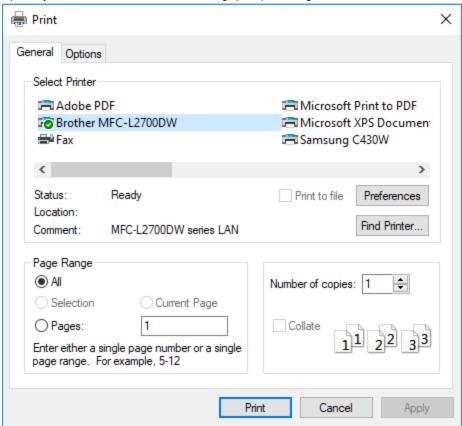


4. A Select the items to include dialog will appear.

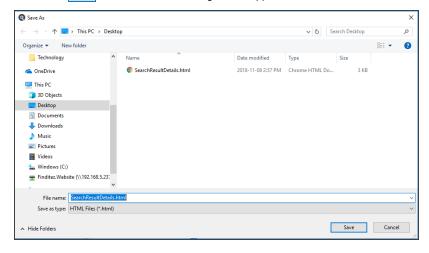


a. Click to choose one of the options, select **Checked results only** to export the subset of checked search result items if applicable per step 2 above.

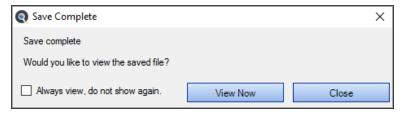
b. Optionally check the **Print** check-box to bring up the print dialog.



c. Click on the **Next** button. A **Save As** dialog box will appear.



- i. Navigate to the destination folder.
- ii. Enter the desired File name.
- iii. Click on the Save button.
- d. A Save Complete dialog will appear.
 - i. To view the saved file, click on the View Now button. The file will open in the selected viewer (see below).



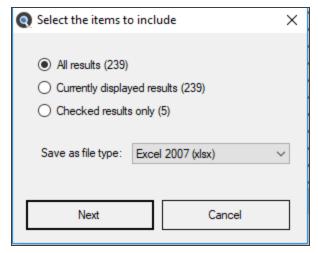
Tip: Click to check the Always view, do not show again check-box to always view the saved results file.

- ii. To close the **Save Complete** dialog, click on the **Close** button.
- 5. Exported search results detail will contain a copy of all highlighted search matches in full context. A single HTML file will be created, with each search result source item having a title and page break to separate documents included. It is essentially a copy of the search "Detail" panel contents for all selected search results items.

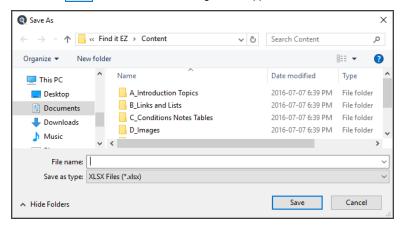
Export Search Results Line Matches

An exported search results details will create a spreadsheet containing all or a subset of your search results. This saved .xslx file can then be redistributed, changed, or printed using your default spreadsheet editor (e.g. Excel).

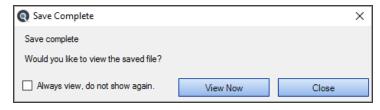
- 1. Open a previously saved search result using the File -> Open menu or perform a search.
- 2. From the Find it EZ menu, select File -> Export -> Search Results Line Matches .
- 3. a. A Select the items to include dialog will appear.



- i. Click to choose one of the options; All results, Currently displayed results, or Checked results only.
- ii. Click on the Next button. A Save As dialog box will appear.



- i. Navigate to the destination folder.
- ii. Enter the desired File name.
- iii. Click on the Save button.
- iii. A Save Complete dialog will appear (see below).
 - To view the saved file, click on the View Now button. The file will open in the selected viewer (see below).



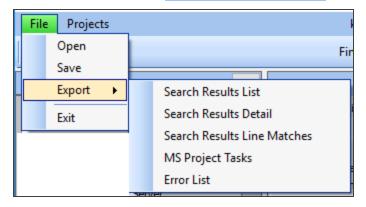
Tip: Click to check the **Always view, do not show again** check-box to always view the saved results file.

- ii. To close the **Save Complete** dialog, click on the **Close** button.
- 4. Exported search results detail will contain the following data columns:
 - Source Location
 - File Type
 - · Host Name
 - · File Path or Database
 - Document Name
 - Section
 - Search Terms Matched
 - Matches Found
 - Original Line

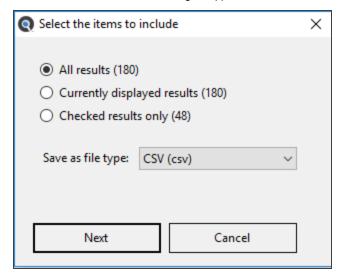
Export MS Project Tasks

An exported MS Project task list will create a spreadsheet containing all or a subset of your search results. This saved .xslx file can then be imported directly into MS Project as a set of tasks to be assigned to resources.

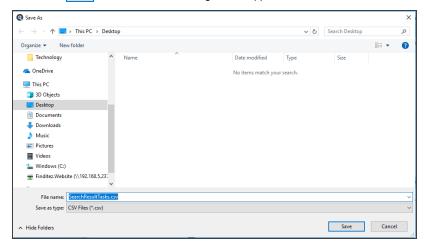
- 1. Open a previously saved search result using the File -> Open menu or perform a search.
- 2. From the Find it EZ menu, select File -> Export -> MS Project Tasks



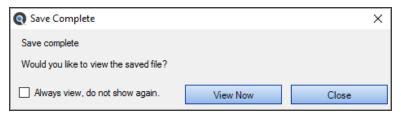
3. A Select the items to include dialog will appear.



- a. Click to choose one of the options; All results, Currently displayed results, or Checked results only.
- b. Click on the **Next** button. A **Save As** dialog box will appear.



- i. Navigate to the destination folder.
- ii. Enter the desired File name.
- iii. Click on the Save button.
- c. A Save Complete dialog will appear.
 - i. To view the saved file, click on the View Now button. The file will open in the selected viewer (see below).



Tip: Click to check the Always view, do not show again check-box to always view the saved results file.

- ii. To close the ${\bf Save\ Complete}$ dialog, click on the ${\bf Close}$ button.
- 4. Exported search results will contain the following data columns:
 - · Active Yes or No
 - Task_Mode Auto Scheduled or Manually Scheduled
 - Task_Name Search Source and Path
 - · Notes Host and Path

Import Tasks to Microsoft Project

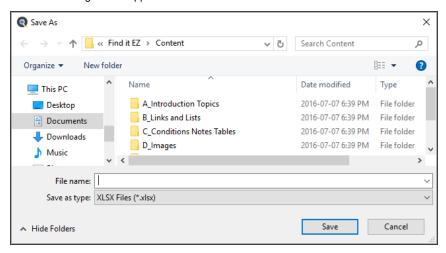
- 1. Open Microsoft Project.
- 2. From the File menu, select New.
- 3. On the New page, click New from Excel workbook.
- 4. In the **Open** box, click the arrow next to **XML Format**, and pick **Excel Workbook**.

- 5. Locate and select the workbook you want to import, and click Open.
- 6. In the Import Wizard, click Next to get started, and follow the steps to complete the import.

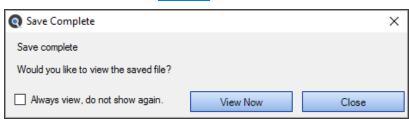
Export Error List

An exported errors list will create spreadsheet containing all errors from your most recent search results. If there are no errors to export, an alert will indicate there is nothing to save. This saved .xslx file can then be sent to FinditEZ technical support or used to review individual files that may be corrupt for further investigation or required repair / removal from your system.

- 1. Open a previously saved search result using the File -> Open menu or perform a search.
- 2. If any errors are generated during the search, the **Errors** tab in the **Results** window will be selected automatically, the total number of errors will be shown on the tab label, and error details will be listed.
- 3. From the Find it EZ menu, select File -> Export -> Error List.
- 4. A Save As dialog box will appear.



- a. Navigate to the destination folder.
- b. Enter the desired File name.
- c. Click on the Save button.
- 5. A Save Complete dialog will appear.
 - a. To view the saved file, click on the View Now button. The file will open in the selected viewer (see below).



Tip: Click to check the Always view, do not show again check-box to always view the saved results file.

b. To close the Save Complete dialog, click on the Close button.

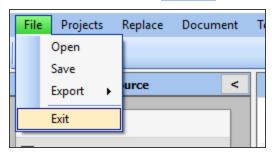
- 6. The exported error list will contain the following data columns:
 - Location
 - Type
 - Host
 - · File Path or Database
 - Document
 - Error
 - Details

See Also:

- "File Menu Options" on page 35
- · "Wizards Overview" on page 117
- · "Perform a Regular Search" on page 161
- · "Work With Search Results" on page 177
- "Viewer / Editor Settings" on page 57

Exit Find it EZ

1. From the Find it EZ menu, select File -> Exit.



OR

2. Click on the X button located in the upper, right corner of the screen.



3. The program will close.

Built-in Reports and Documentation

This section describes the steps required to access various Find it EZ reports included with the system.

For example, if you wanted to analyze a large number of reports in preparation for a possible upgrade to discover which ones are not currently compliant with your corporate standards for recommended best practises involving table join syntax in the queries, you could chose any on of the following:

Many Find it EZ built-in documentation extracts will give you precisely what you are looking for. One is the "Show SQL Queries" document. This report extracts any joins used by the visual linking expert within the CR designer and recreates the SQL code based on

the join property options used by the visual linking tool. There is also the "Report Definition" and "Column Cross-Reference" which actually has a column or section showing the type of join used when applicable via the visual linking expert. These reports are available under the Reports -> Business Intelligence menu.

For more details on each document type available, please see below.

Note: Our trial mode has the number of documents searched and output limited. However, a fully unlocked version is not limited. This may affect your evaluation results if the limits are reached. See below for more information.

Business Intelligence Reports

BI Reports can be generated and accessed as follows:

From the menu, select **Document -> Business Intelligence -> [desired report]** . See report options below:

- Database Cross-Reference generates a single spreadsheet cross reference containing all database connections, tables, procedures, views, embedded SQL queries, database call statements, table joins, and optionally the underlying SQL code from the source database used in each selected report. This information is a high level summary of database tables used within a report and does not provide individual table column where-used detail (see Column Cross-Reference). Output spreadsheet columns are customizable (include / exclude as needed). See a sample on our website: XSLX
- Column Cross-Reference generates a detailed where-used spreadsheet listing every location, formula, etc. that each and every source database table column is used. Provides report field name and full context statement referenced. Does not contain high level database connection information (see Database Cross-Reference). Output spreadsheet columns are customizable (include / exclude as needed). See a sample on our website: XSLX
- Show SQL Queries extracts all embedded SQL queries, database call statements, and drag-n-drop tables and fields used in a report (in the form of a simulated SELECT statement). Output can be to a single file for all selected reports, or individual files for each source file. Output file type options include text and HMTL. See a sample on our website: HTML or TXT
- Reports Definition generates a common formatting and labelled layout of report content, including data source connection information, SQL queries used within the report, database calls, report parameters, formulas, images, etc.. A formatted document with relevant report design meta-data in a standard format re.g. ardless of source report type (eg Crystal Reports, SSRS, Oracle Reports or any other report type supported). Output can be to a single file for all selected reports, or individual files for each source file. Output file type options include text, HMTL and XML. See a sample on our website: HTML, XML or TXT
- Report Listing generates a spreadsheet listing your complete report library, including file location, author, last updated,
 default printer, BI Login, last scheduled instance run datetime and report title / description. Output spreadsheet columns are
 customizable (include / exclude as needed). See a sample on our website: XSLX

SAP BOE Crystal Server

SAP BOE / Crystal Server reports can be generated and accessed as follows:

From the menu, select Document -> SAP BOE / Crystal Server-> [desired report] . See report options below.

- Report Schedules generates a spreadsheet listing selected Crystal and/or Webi report schedules, filtered by frequency.
 Listing includes report name, destination, cycle frequency, next run date, last run status, parameters, triggering events,
 email notification contacts, datasource(s), schedule description, title and owner. Output spreadsheet columns are customizable (include / exclude as needed). See sample files on our website: HTML or TXT. See a sample on our website:
 XSLX
- Security Listing generates a spreadsheet listing all selected document (file) types supported by BOE. Listing includes folder, document (report) name, group or user, access level (granted to group / user), and base report location. Output spreadsheet columns are customizable (include / exclude as needed). See a sample on our website: XSLX
- User Security Group Listing generates a spreadsheet listing all users and access granted to each user. Listing includes
 username, full name and email address along with security access granted. Output spreadsheet columns are customizable (
 include / exclude as needed). See a sample on our website: XSLX

SQL Reporting Services

Microsoft SQL Reporting Services reports can be generated and accessed as follows:

From the menu, select Document -> SQL Reporting Services-> [desired report] . See report options below:

Report Schedules- generates a spreadsheet listing selected SSRS report schedules. Listing includes report name, destination, cycle frequency, next run date, parameters, datasource(s), schedule description, title and owner. Output spreadsheet columns are customizable (include / exclude as needed). See a sample on our website: XSLX

rePORTAL

rePORTAL scheduling server reports can be generated and accessed as follows:

From the menu, select **Document -> rePORTAL-> [desired report]**. See report options below:

- Report Schedulesgenerates a spreadsheet listing selected Crystal, SSRS report and all other distributed document type
 schedules supported by rePORTAL. Listing includes report name, destination, cycle frequency, next run date, last run
 status, parameters, triggering events, email notification contacts, datasource(s), archive, burst, schedule description, title
 and owner. Output spreadsheet columns are customizable (include / exclude as needed). See a sample on our website:
 XSLX
- Package Schedules generates a spreadsheet listing selected Crystal, SSRS report and all other distributed document type schedules supported by rePORTAL at a package level. This includes all details from individual report schedules contained in a package, plus package description, title and owner. Output spreadsheet columns are customizable (include / exclude as needed). See a sample on our website: XSLX

See Also:

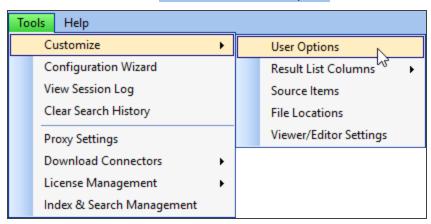
- "Document Wizards" on page 148
- "Export Search Results" on page 37
- "Reporting Tools" on page 238
- "Product Trials and Limits" on page 25

User Settings and Customization

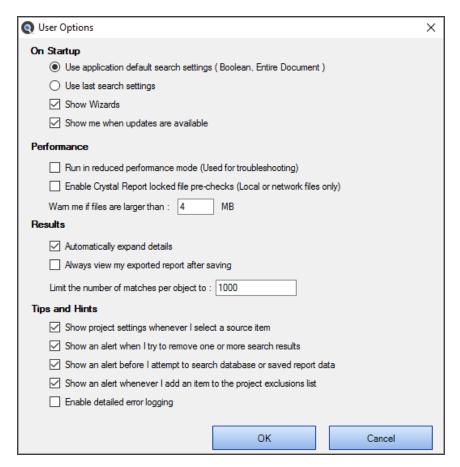
This section describes the steps required to set user options, preferences, and settings for Find it EZ. These configuration settings are permanently saved for each session, allowing each end-user to customize the software to their specific environment (source items) and preferences.

Set User Options

1. From the Find it EZ menu, select *Tools -> Customize -> User Options*



2. The **User Options** dialog box will appear, as below:



3. Choose, select, or enter settings as desired. Refer to the table below for details:

User Option	Description
Use application default search set- tings (Boolean, Entire Document)	Choose this option to apply the Find it EZ default search settings (i.e. Search Type = Boolean Search, OR see next option
Use last search set- tings	Choose this option to apply the last-used search settings for the next search.
Show Wizards	Click to check this item if you want to launch the Search Wizard each time you start up Find it EZ.
Show me when updates are available	Click to check this item to receive a notification message when you start up Find it EZ when any new updates are available for download.

User Option	Description
Run in reduced per- formance mode (Used for troubleshooting)	This option can be used if / when you have limited memory (RAM) on your computer and Find it EZ is freezing, crashing, logging .net memory issues, or taking a VERY long time to complete a search. The Find it EZ program will process the maximum number of documents simultaneously using threads. By dropping this to reduced performance mode, only a single document is processed at a time, reducing stress on a system with a limited amount of RAM. Default = Off (for optimal performance).
Enable Crystal Report locked file pre-checks (Local or network files only)	Allows the Crystal Reports scanner to detect locked files during indexing and, if a file is currently open or locked, to make a temporary copy of the file before allowing Crystal Reports to open it. Note that this feature is disabled by default as it can affect performance.
Warn me if files are larger than:MB	When processing many documents in a folder & sub-folders (especially "text" type documents), this option will allow you to skip individual large documents during the search process that are found in a source folder; like error logs, etc. that may be in a file directory but do not need to be searched (as they will either return too many false positives OR will slow down processing unnecessarily). This gives you an opportunity at search run time to skip certain very large files you may not have wanted to be scanned but were in the folder and had a file type you do want to search other (smaller) documents for matches. You can change this setting to customize for your environment. Default = 4 MB.
Automatically expand details	Click to check this item to expand selected result details in the Details window when a result is selected in the Results window. If unchecked, details will appear collapsed. Click on the "+" to expand.
Always view my exported report after saving	Click to check this item if you want exported reports to open immediately after saving.
Limit the number of matches per object to:	Use this limit when too many matches are being returned in each individual document and you really only care if one or more "hits" are discovered. This will improve Find it EZ performance; once the limit of matches per document is reached, the search engine moves on to the next document and logs a "maximum hits reached" warning in the error log. Default = 1000.
Show project settings whenever I select a source item	Click to check this item to launch the Project Settings dialog box each time you select (check) an item in the Source panel. These settings allow you to include / exclude the selected item, configure and test connection settings and select folders (where applicable), apply filters, select the viewer / editor with which to open results, set options, and add or remove file extensions.
Show an alert when I try to remove one or more search results	Click to check this item if you want a confirmation message to appear (i.e. "Are you sure you want to remove this item from the search results?" Yes / No) each time you right-click on a result in the Results window and select Remove .

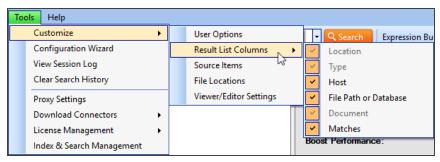
User Option	Description
Show an alert before I attempt to search database data	Every time you are about to run a search that includes database table data, when this option is checked, an alert is displayed. This warns you that the search time may be long, depending on the size of the table. Find it EZ searches for matches in every column (field) of every row in the table. For a table with a significant number of text columns and rows, this can really affect the search performance and run time. Find it EZ allows for searching database table data, but this is intended for small "system" tables that are used in a dynamic table-driven software system. Such tables contain references to screen names, report labels, or even code to perform actions. This is also why we have the user explicitly choose a small subset of tables and do not offer a "search all tables" option. Basically, this reminds the user they are about to search data and gives them the option to cancel the search / disable data searching before proceeding. At a minimum, it lets them know why the search is taking awhile. Default = On (to warn the user every time they are about to search table data). Note also that database table data searching is "disabled" by default.
Enable detailed error logging	This option is used to help identify the file on which a search may be getting stuck. It is best if used in combination with "reduced performance mode" enabled and will allow the system to log search steps in the "session log" in greater detail. This is often requested by tech support for sending in logs and helps expedite problem resolution. Default = Off.

- 4. Click on the **OK** button to save your settings. The **User Options** dialog box will close.
- 5. To discard any changes, click on the Cancel button.

Show or Hide Result List Columns

Note: There must be results listed in the **Results** window in order for the following menu option to be enabled for use. Column names shown in grey cannot be hidden.

1. From the Find it EZ menu, select Tools -> Customize -> Result List Columns



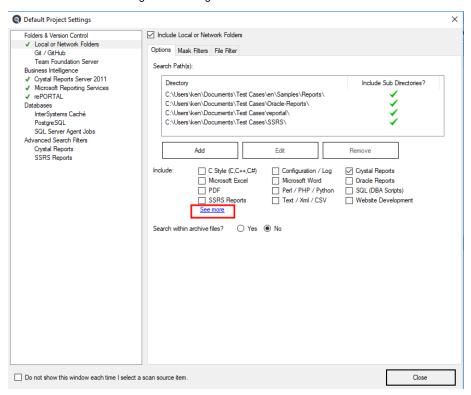
- 2. A list of column names will appear on the right (as above).
- 3. Click to show or hide columns, as desired. See note above.

Show or Hide Source Items

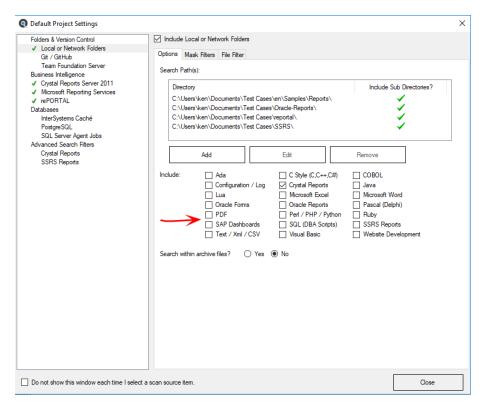
This section describes how you can add (show) source items to correspond to technologies, programming languages, databases and reporting tools used in your work environment. Source items can be added in one of two ways.

- 1. While configuring project or wizard settings for source locations.
- 2. Using the Configuration Wizard.

You can add (show) source file types while updating the advanced configuration settings on any of the file source location panels. For example, right-click on the **Local or Network Folders** item in the main Find it EZ window **Source** panel to launch the advanced configuration settings:



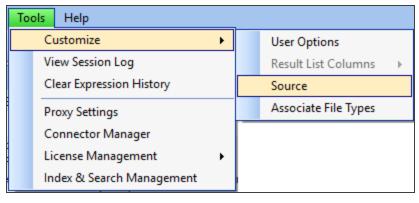
Click on the <u>See</u> more hyperlink to view all supported document types for this location. The list will be expanded to allow you to select additional source items currently hidden.



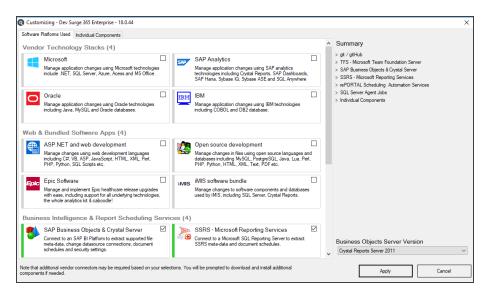
If you check any source item that was previously hidden, this new setting will automatically be saved so that the selected document type will now be visible in all configuration panels or wizards. The checked source setting(s) will be enabled under the **Configuration Wizard individual components** tab and will automatically update and be saved to your custom program settings.

Source items visibility can also be set via the **Configuration Wizard**. Source items selected will be reflected in both the main application (**Source** panel) and all Find it EZ wizards. In addition to "showing" new source items, the **Configuration Wizard** allows you to hide items that are not required. This allows you to customize and clean your Find it EZ workspace and minimize unnecessary items from being displayed on the main **Source** panel or within any of the wizards.

To access the Configuration Wizard, from the Find it EZ menu, select Tools -> Customize -> Source



The **Source Items** dialog box will appear, as below:



Refer to the Configuration Wizard section of this user guide for more information.

See Also:

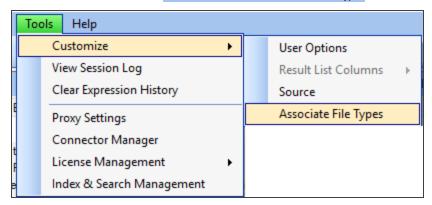
- · "Configuration Wizard" on page 60
- · "Viewer / Editor Settings" below

Viewer / Editor Settings

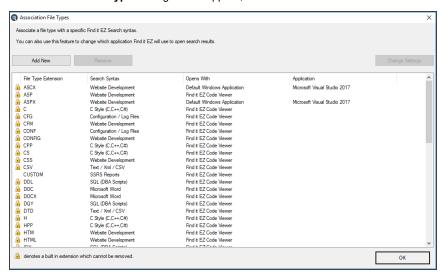
The **File Association** dialog settings allow you to select the viewer / editor used to open a search result list item, as well as to add or remove custom file extensions to be processed by available "search syntax" within the Find it EZ indexing engine. This ability to customize how various file types are handled by the Find it EZ application is useful in situations where corporate naming standards require use of a unique file extension such as ".common" for shared JAVA program modules. The ".common" extension is not recognized as a universal standard JAVA type file, but using this custom file type association within Find it EZ, you can configure the product to treat all files with the ".common" extension as containing JAVA code and to include and process them the same as any other standard JAVA programming language file for example.

Note: The Windows Default Editor (referenced below) is set at the Windows operating system level by the end user when you install a new program. Or, you can change the default editor settings in Windows 7 via **Start -> Default Programs** or in Windows 10 via **Start -> Settings -> System -> Default Apps**.

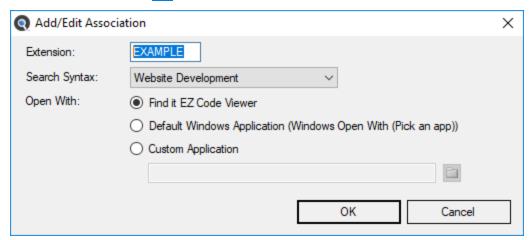
1. From the Find it EZ menu, select Tools -> Customize -> Associate File Types.



2. The Associate File Types dialog box will appear, as below:



3. To add a new file type, click the Add button, the Associate File Type - Add / Edit dialog will appear as below:

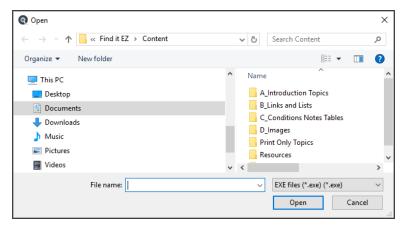


Note: The **Default Windows Application** radial button option will automatically reflect "known" extensions on your system. For example, typing in the **Extension** "TXT" will show (NotePad) by default unless you have selected some other editor to open .TXT files.

- a. Enter the custom file type you would like to add for processing by Find it EZ in the Extension field.
- b. Select one of the available Find it EZ **Search Syntax** modules from the drop down list. This will direct the way in which the contents of the files with this extension are to be parsed by our search engine.

Note: The list of search syntax options are limited based on the current set of document source types enabled within the **Customization Wizard**. To add more search syntax options, you must first add one or more file types associated with that syntax.

- c. Choose one of the following viewer / editor **Open With** options:
 - · Find it EZ Viewer
 - · Default Windows Application
 - · Custom Application
- d. IF Custom Application is chosen:
 - Click on the corresponding folder icon to the right of the Custom Application text box. An Open dialog box will appear.



- ii. Navigate to the program application you want to use to open this type of file.
- iii. Click on the Open button.
- 4. To save any changes and close the Associate File Types Add / Edit dialog box, click on the OK button.
- 5. To discard changes, click on the Cancel button.

To change the **Open With** program for an existing file type listed:

- 1. Click to select (highlight) a file type in the list.
- 2. Click the Change Settings button.
- 3. The Associate File Types Add / Edit dialog will appear.
- 4. Change the **Open With** settings as desired. See above for **Custom Application** settings instructions.
- 5. Click on the **OK** button to save and close.

Note: You can not change the Search Syntax setting for any file types. To change this setting, simply add an additional entry for the same extension using a different Search Syntax. For custom file types, delete any unwanted Search Syntax listings.

To remove a custom file type:

1. Click to select (highlight) any custom file type. You can not delete any built-in file types identified by a locked image 🍱



- 2. Click on the Remove button.
- Click on the **OK** button to save and close.

Alert: You can add duplicate file type extension entries, but each must be unique by Search Syntax. Duplicate entries will process files with that extension using each unique Search Syntax selected. This may produce duplicate search results for the same file and is not recommended.

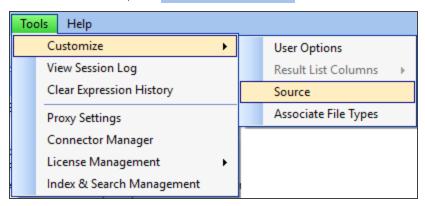
Configuration Wizard

The Configuration Wizard walks you through the steps required to set up your Find it EZ program so that it is customized to your environment. It is recommended that you only select and display reports, databases, repositories, programs, version control systems and other files in use within your organization. The configuration wizard is automatically launched after each install, including product upgrades. These settings can also be changed at any time as your company adds or removes support for individual file types or technologies in use.

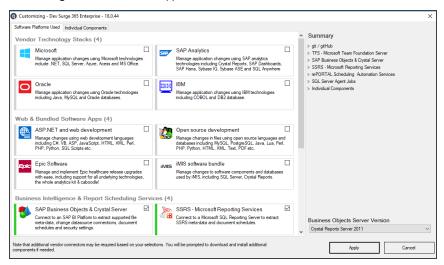
Note: With each new technology supported by a Find it EZ release update, any new databases, programs, reports, or other

source items will appear in the left hand panel to bring these new features to your attention. It is recommended that you use the configuration wizard to disable any such source items that are not in use within your organization in order to remove clutter from the Find it EZ interface.

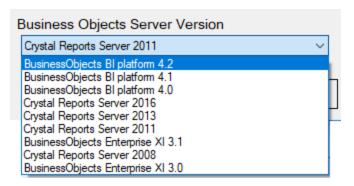
1. From the Find it EZ menu, select *Tools -> Customize-> Source*



2. The Configuration Wizard will appear, as below:

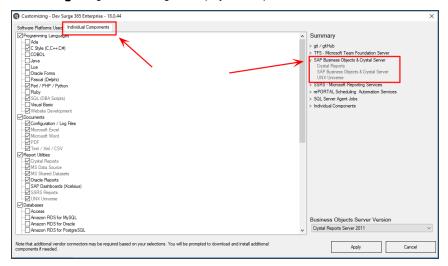


- 3. Click all boxes that apply to the technologies and vendor software that your shop uses or supports. This will in turn enable (select) all individual source databases, programming languages and reporting tools bundled / provided in that vendors product / portfolio that Find it EZ supports.
 - a. If you use one or more of the supported **Version Control Systems** or **BI report scheduling services**, click to check all that apply to your work environment.
 - b. If you use a SAP BOE or Crystal Server for scheduling report delivery, select a version from the Business
 Objects Server Version drop-down list on the panel to the right, just above the Apply and Cancel
 buttons.



Note: Changing this selection will require a program restart after clicking on the **Apply** button. Changes may also require downloading and installing a compatible vendor connector.

4. Click on the **Individual Components** tab and scroll through to see all checked items or expand all of the **Summary** categories on the right to display the complete list of items selected.



- 5. From the **Individual Components** tab, click to select any additional database types, programming languages, documents and report utilities used by your organization. Selecting a subset of these available technologies supported by Find it EZ allows you to fully customize the source panel on the main application window and wizards project configuration panels to only display the items applicable to your work space.
 - a. To save your custom settings, click on the Apply button.
 - b. To discard any changes, click on the Cancel button.

Note: If one or more items selected is greyed out, this means it is included in a vendor bundle from the **Software Platforms Used** tab. You must deselect the corresponding bundle(s) to deselect the item(s) in the **Individual Components** tab. An individual item may be included in more then one software platform set .. expand the **Summary** items to view all items included within each software platform bundle.

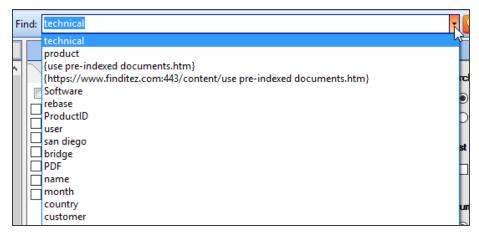
Alert: Changing these selections may require Find it EZ to prompt for required vendor connectors upon first use and/or may restart the program to apply new settings.

See Also:

- · "Download Connectors" on page 288
- "Show or Hide Source Items" on page 54
- "Viewer / Editor Settings" on page 57

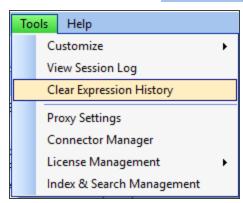
Clear Expressions History

Each time you perform a search, the search expression is added to a the top of a history list that can be accessed by using the (drop-down arrow) to the right of the **Find** text box within the search bar. A maximum of the most recent 25 expressions are saved, with the oldest simply dropping off the bottom of this history list as new searches are performed. To access find expressions history for rerunning a previous search expression, simply click on the **Find** box drop down arrow.



To clear the search expressions history:

• From the Find it EZ menu, select Tools -> Clear Expression History



• All previous search expressions will be deleted (except for the current search expression).

Index & Search Management

This section provides instructions to clear your current documents index or search history in order to recover disk space. You may also create an index summary report to review the contents of your current or search history indexes.

Find it EZ stores an optimized, tokenized version of your documents, along with meta-data and a keyword dictionary in the following default location:

C:\ProgramData\Bits n Bytes Software Inc\Find it EZ - Enterprise\Data\username\Index2\DataStore\

Saved search results meta-data and pointers default location is here:

C:\ProgramData\Bits n Bytes Software Inc\Find it EZ - Enterprise\Data\username\Index2\SearchResults\

A proprietary set of NoSQL key-value hash indexes are used to store information about all source documents, projects and search results. These sets of index files are loaded into RAM while the program is running and updated as part of each index refresh. Persistent copies of these index files are located in these default locations:

- C:\ProgramData\Bits n Bytes Software Inc\Find it EZ Enterprise\Data\username\Index2\DOCUMENTS.*
- C:\ProgramData\Bits n Bytes Software Inc\Find it EZ Enterprise\Data\username\Index2\PRJDOCUMENTS.*
- C:\ProgramData\Bits n Bytes Software Inc\Find it EZ Enterprise\Data\username\Index2\SEARCH.*

Alert: You should never add, remove or change files directly that are stored in the index folder as this will corrupt your index. However, you can view and monitor the amount of physical disk space used by your Find it EZ indices within this folder.

In addition, Find it EZ uses a SQLite database to store your project configuration settings. This database is located here:

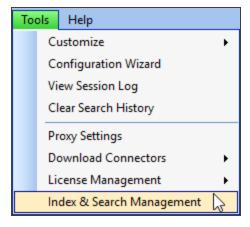
• C:\ProgramData\Bits n Bytes Software Inc\Find it EZ - Enterprise\Data\username\Index\config.db

You can open this database using a SQLite query tool at your discretion. However, it is recommended that you use the packaged Find it EZ utilities to Repair or Reset this database.

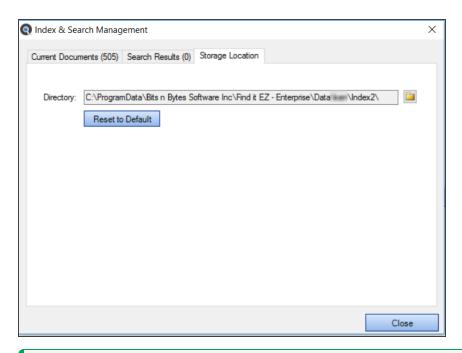
Alert: Manipulating data in this database directly will corrupt your Find it EZ project settings. You will lose your project settings and be forced to Reset to factory defaults with our repair utility (see below).

Change Index Storage Location

1. From the Find it EZ menu, select **Tools -> Index & Search Management**



2. The Index & Search Management dialog box will appear, as in the example below:



Note: You can move your Find it EZ index storage location to an alternate drive for additional space or improved performance on a faster (e.g. SSD) drive.

- 3. Select the **Storage Location** tab. Click on the folder browser button . Select the new desired index storage location using the Windows file browser.
- 4. After changing the current storage location path, you will see an Apply button appear at the bottom of the Storage Location tab, to the left of the Close button. Click the Apply button. You will be prompted to move (keep) the existing indexed documents or clear your index.



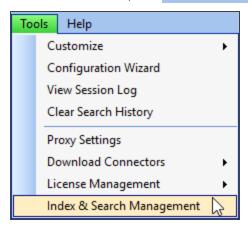
5. Click the **Clear** button to create a new, empty index or click the **Move** button to copy your current indexed documents to the new location. Click the **Cancel** button to abort.

Note: When you choose to clear or move your index, your old index folder is automatically deleted to release previously used disk space.

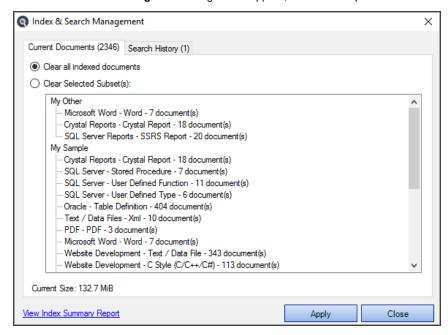
Clear Index or Subset

Alert: When clearing the index or a subset from the **Current Documents** tab, any indexed documents that are contained in saved search results are not deleted. To remove documents contained in saved search results, use the **Saved Search Results** tab. Multiple copies of documents are stored in your index whenever an updated version of the same file are detected if they have been saved within any search results. This preserves the state of the file contents at the time the search results were saved, while also maintaining a "current" copy for subsequent search, compare, and documentation use.

1. From the Find it EZ menu, select Tools -> Index & Search Management.



2. The Index & Search Management dialog box will appear, as in the example below:



Note: The current size of your indexes are shown at the bottom of each **Index & Search Management** tab dialog box (see above example). If you feel this is too large (e.g. you are running out of hard drive space), you can shrink the database to try and reclaim some of that space. The benefits can be significant as the underlying database is a "grow only" type system. If, for example, you had 15,000 documents at one point and only have 200 now, you could reclaim a lot of space.

- 3. Select the **Current Documents** or **Search Results** tab. Current documents are the latest versions of all files contained in your index. Search results contain a list of all documents linked to any active session search results or previously saved search results history.
- 4. To clear the entire index:

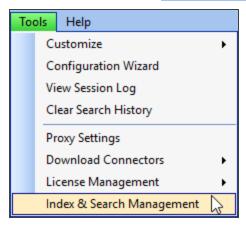
- a. Click to choose the Clear the entire index option.
- b. Click on the Apply button.

OR

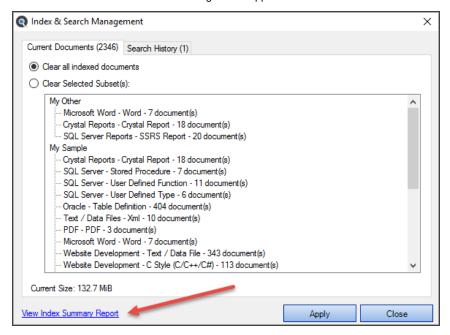
- 5. To clear a subset(s) of the index:
 - a. Click to choose the Clear the following subset option. A check-box will appear before each project and subset.
 - b. Click to check the project(s) or subset(s) you want to clear.
 - c. Click on the Apply button. The selected project(s) and or subset(s) will be cleared from the index.

View Index Summary Report

1. From the Find it EZ menu, select Tools -> Index & Search Management



2. The Index & Search Maintenance dialog box will appear.

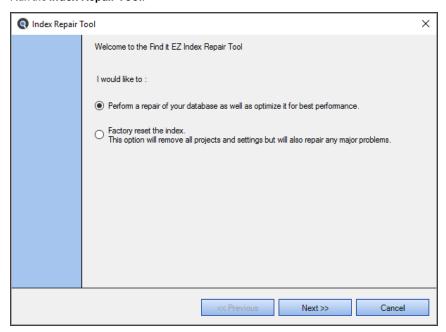


- 3. At the bottom of the dialog box, click on the **View Index Summary Report** link. The **Index Summary** report will open in the selected viewer.
- 4. The report will include the following data; one row per unique document:
- · Location original physical location of the source document
- Type the type of document (e.g. Java, HTML, Crystal Report, Stored Procedure, etc.)
- · Host original local or network host name of the source document
- File Path or Database original folder path or Database name of the source document
- Document document name
- Last Updated source document last updated timestamp (when available from the host system)
- Last Indexed document last indexed timestamp
- Size (KiB) indexed document size in kilobytes

Repair Index or Reset to Factory Defaults

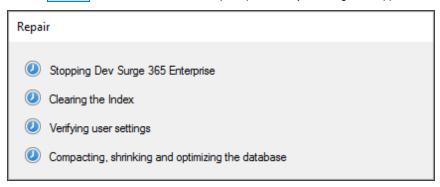
In rare cases, if your index and/or project configuration files become corrupt and prevent Find it EZ from starting or the program performance degrades to an extremely slow condition, you will need to use the Index repair utility. The repair utility is a separate program, automatically installed along with the main Find it EZ application and uninstall utility.

- 1. To start the repair tool, use the Windows Start menu to navigate to executables installed within the Find it EZ programs folder.
- 2. Run the Index Repair Tool.



- 3. The utility dialogue window will prompt for one of two options:
 - a. The Repair Index option will clear your entire index and attempt to repair your project configuration settings database. This will resolve most issues while preserving your saved project settings, and is the recommended first repair attempt.

- b. The Factory reset option will clear your entire index AND all of your project settings will be lost. This is recommended as a last resort, but may be necessary if your project settings database becomes corrupt and can not be recovered or repaired.
- 4. Click the Next >> button to run the selected repair option. A Repair dialogue will appear indicating progress.



5. If the Repair Index option does not work, try a Factory Reset. If this still does not resolve the issue, contact Find it EZ technical support.

Projects

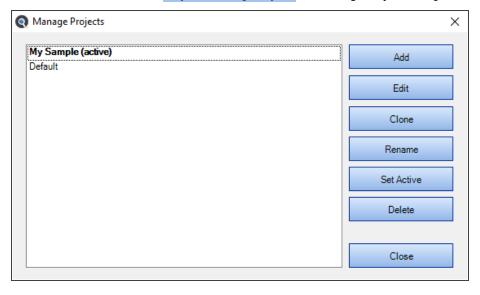
This section provides step-by-step procedures to add, edit, switch, clone, rename, set active, delete, or save a project and its settings.

Projects are used to configure and store paths and connection information for a collection of source code files. These settings are retained for re-use between sessions, and can also be used to filter a small subset of items to be included in a project, compare or documentation run. Each project or collection is generally configured in relation to how your development process flows. For example, in a waterfall development process, you would typically have planned releases, each with a corresponding set of individual unit and an integration test environment. There is often also a staging environment for a frozen set of releases where final user acceptance testing is performed, followed by a production environment. Each environment will have unique underlying database host, reports, programming language files and so-on.

One common way to use Find it EZ projects is to set up a distinct collection of settings for each such environment or release. You can then quickly switch between or compare files within these unique projects as you move through the design, development, migration, and production support processes.

Projects are a key feature for organizing your work within Find it EZ, and the ability to configure each once, and then re-use settings between indexing and search passes, is a huge time saving benefit.

From the Find it EZ menu, select **Projects -> Manage Projects**. The **Manage Projects** dialog box will appear, as below:



Add a New Project

1. From the Manage Projects dialog box, click on the Add button. A dialog will appear.

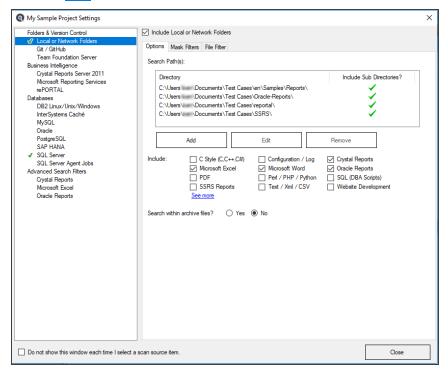


- 2. Enter the name of the new project.
- Click on the OK button. The new project will be added to the list.
- 4. To close the Manage Projects dialog box, click on the Close button.

Edit a Project

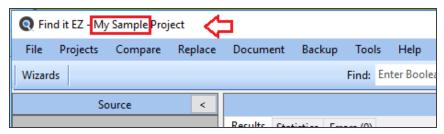
You may change the configuration settings to add a new file path, add a new database schema or owner to include that set of objects, add file or database object filters and so on.

- 1. From the Manage Projects dialog box, in the projects list, click to highlight the project you want to edit.
- 2. Click on the Edit button. The Project Settings dialog box will appear. See example below:

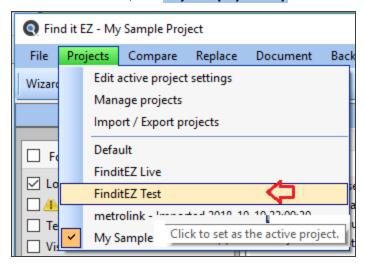


Switch Between Projects

1. The name of the currently viewed project is shown in the top, left corner of the main screen **Title Bar**. See below:



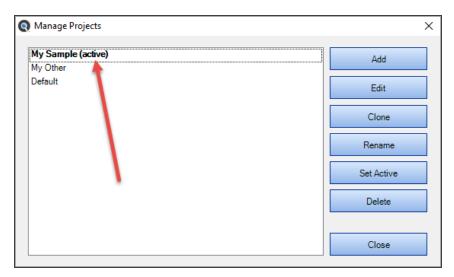
- 2. To switch to another project:
 - From the Find it EZ menu, select Projects -> [Project Name]



The selected project settings will be loaded for use.

Another way to select a saved project settings for use is to use the **Project Management** dialog box:

- 1. From the Manage Projects dialog box, click to select the name of the project you want to set as the active project.
- 2. Click on the Set Active button. The project will appear in the list followed by the word "(active)."



3. To close the Manage Projects dialog box, click on the Close button.

Clone a Project

A quick way to set up a new project is to clone (copy) an existing one, then update individual source configuration settings as needed.

- 1. From the Manage Projects dialog box, click to select the project you want to clone (i.e. copy all settings).
- 2. Click on the Clone button. A dialog will appear.



- 3. Enter a different name for the new, cloned project.
- 4. Click on the **OK** button. The cloned project will be added to the list.
- 5. To close the **Manage Projects** dialog box, click on the **Close** button.

Rename a Project

- 1. From the Manage Projects dialog box, click to select the project of which you want to change the name.
- 2. Click on the Rename button. A dialog will appear.



- 3. Change the name, as desired.
- 4. Click on the **OK** button. The renamed project will appear in the list.
- 5. To close the Manage Projects dialog box, click on the Close button.

Delete a Project

1. From the Manage Projects dialog box, click to select the name of the project you want to delete.

Note: The active project cannot be deleted.

- 2. Click on the **Delete** button. The selected project will be immediately removed from the list.
- 3. To close the Manage Projects dialog box, click on the Close button.

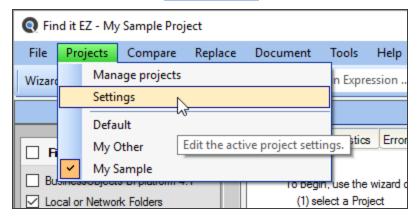
File Locations and Source Settings

This section provides detailed instructions to configure project settings for **Source Location** (local or network folders, repositories, databases) and **File Type** (Programs, Documents, BI Reports), including instructions on how to customize Find it EZ project settings.

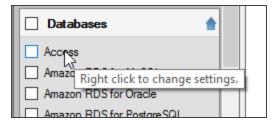
Note: Some project configuration settings are used in combination with each-other. For example, in order to include any Programming Language files, Reports or Other Documents, you must select and configure the physical "Location" of those files. This could include a local or network folder, a version control system, or a report scheduling repository.

There are three ways to access the Project Settings dialog box:

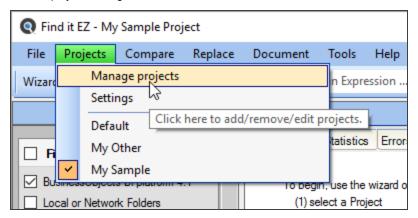
1. From the Find it EZ menu, select Projects -> Settings to access the active project settings. See below:

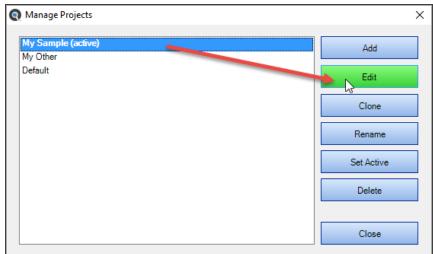


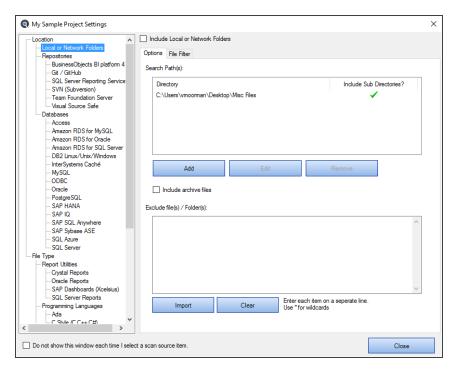
2. Within the main program window, right-click on any location or source item within the expanded **Source** panel. The advanced settings for the active project source item will appear (see sample below).



3. From the **Manage Projects** dialog box, click to highlight a project from the list, then click on the **Edit** button to access the selected project's settings.







View or Hide Project Settings

At the bottom, left of the **Project Settings** dialog box, you can click to check the **Do not show this window each time I select a source item** check-box.

Apply Project Settings

When you are done making changes to one or more a source items, click on the Close button to apply the changes.

Note: Changes are also automatically applied and saved as you navigate between source items within the **Project Settings** dialog box.

See Also: "Set User Options" on page 51 (in the Tips and Hints section, there is a Show project settings whenever I select a source item check-box). Click to check or un-check as desired.

Location

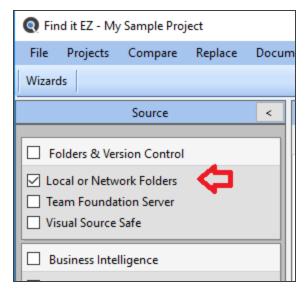
This section provides detailed steps required to configure project settings for local or network folders, repositories, and databases. These are the physical locations of the source files, documents, and data included within a project.

Local or Network Folders

This section describes the procedures required to include the set of selected programming files, reports, and other documents from local or network folders, add or edit search path(s), include / exclude archive files, exclude files or folders, and to apply file filters to restrict processing to only a subset of selected files.

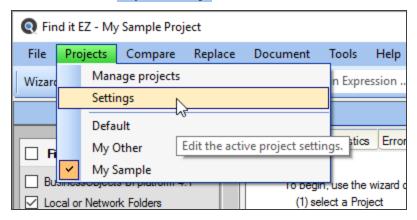
To access the active project settings for local or network (source) folders:

1. In the frame on the left, in the **Folders and Version Control** category, click to select **Local or Network Folders**. See below:

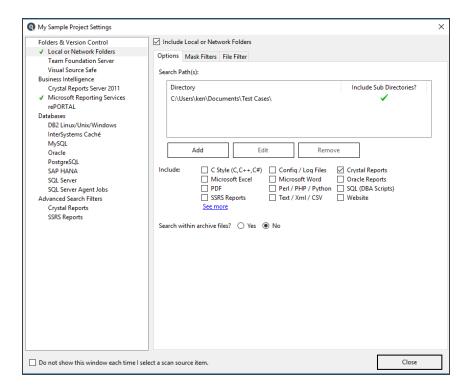


OR

2. From the menu, select **Projects -> Settings** . See below:



3. The following dialog box will appear:



Include Source

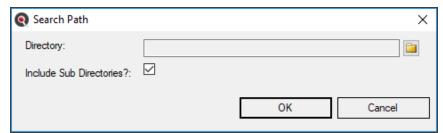
When a source item is selected from the frame on the left, the **Include [Source Name]** check-box at the top of the dialog box is checked by default. To exclude the source from your search, click to un-check the check-box.

Note: If a source item is excluded, any existing settings for the source are retained.

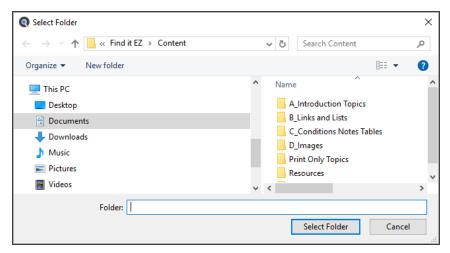
Add or Edit Search Path(s)

To add a search path to the Local and Network Folders search:

- 1. From the Options tab, click on the Add button.
- 2. In the Search Path(s) section, click on the Add button. A Search Path dialog will appear, as below:



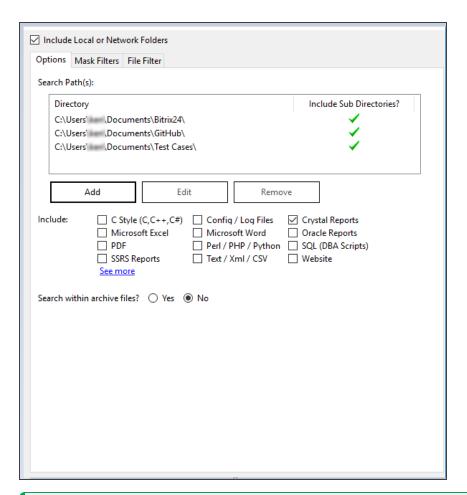
3. Click on the folder icon button to the right of the **Directory** field. A **Select Folder** dialog will appear. See example below:



- a. Navigate to and select the folder you want to add as a search path.
- b. Click on the Select Folder button. The folder path will appear in the Directory field.

Tip: You can also copy and paste or type in a fully-qualified path into the Directory text box.

- 4. Note that the **Include Sub Directories** check-box is checked by default. To exclude sub directories for the selected folder, click to un-check this check-box.
- 5. Click on the OK button. The new search path will be added to the Search Path(s) list. See example below:

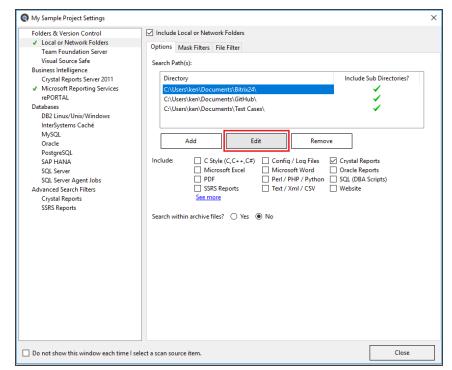


Note: If sub directories have been included for a given search path, a green check mark appears in the corresponding **Include Sub Directories?** column.

Alert: You will be prevented from entering duplicate paths or overlapping sub-folders for a project.

6. Repeat steps 2 through 5 to add multiple paths.

To edit a search path:



1. In the Search Path(s) list, click to highlight the search path you want to edit. See example below:

- 2. Click on the Edit button.
- 3. Repeat steps 3-5 above.

To remove a search path:

- 1. In the Search Path(s) list, click to highlight the search path you want to remove.
- 2. Click on the Remove button. The selected search path will be removed from the list.

Click on the Close button to apply your changes.

Include Archive Files

Whether or not a file is considered an Archive is determined by the file extension. If it is any of the following support Archive types, it will be opened as an archive and Find it EZ will search the contents:

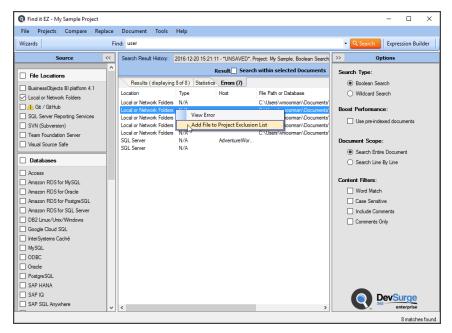
```
"ARJ", "LZH", "LZMA", "RAR", "RPM", "7Z", "XZ", "BZ2", "BZ", "GZIP", "GZ", "TAR", "ZIP"
```

To include archive files in your Local or Network Folders search, locate and click the **Yes** option to **Search within archive files**.

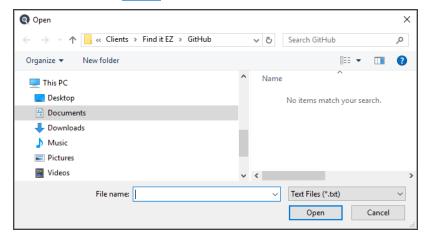
Exclude Files or Folders

There are three ways to add one or more specific files or folders to be excluded from the selected directories (in the **Search Path(s)** list) in your Local or Network Folders search:

 Right-click a search results item in the Errors tab, chose Add File to Project Exclusion List from the context menu. See below:



- 2. To import a list of files to exclude:
 - a. In the Exclude files, folders and archives ... section of the Mask Filters tab, click on the Import button. An Open dialog will appear.



- b. Navigate to and select the desired *.txt file.
- c. Click on the Open button. The contents of the selected file will be added to the in the Exclude files, folders and archives ... list.
- d. Click on the Close button to apply your exclusions.

AND/OR

- 3. To enter the path, file name, or wildcard to exclude:
 - a. Click inside the **Exclude files**, **folders and archives** ... text box and enter the desired text to exclude.

Note: Enter each item on a separate line. Use * for wildcards. For example, enter the path to exclude a sub-directory, exclude a specific type of files (e.g. *.cs), etc.

b. Click on the **Apply** button to apply your exclusions.

To clear the Exclude File(s) / Folder(s) list:

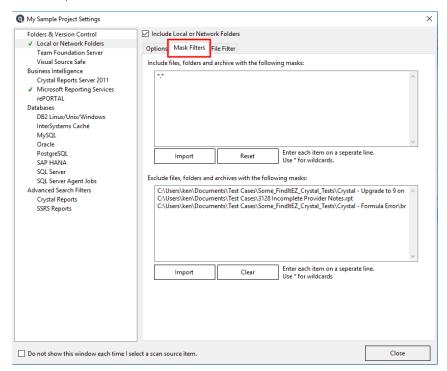
• Click on the Clear button. All items in the list will be removed.

Include File Filters

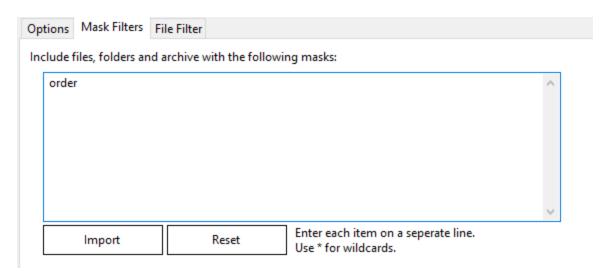
You may use both the **Mask Filters** and/or the **File Filter** tabs to include only a subset of specific files within the configured path(s). You must first add the desired source path folders. This filter is often used to minimize false positives or expedite indexing and searching by limiting the number of file contents included in a project. This setting can be quickly changed to include all or a subset of files as needed.

To include one or more files and/or folders based on a wildcard or pattern that matches part of a file or path name:

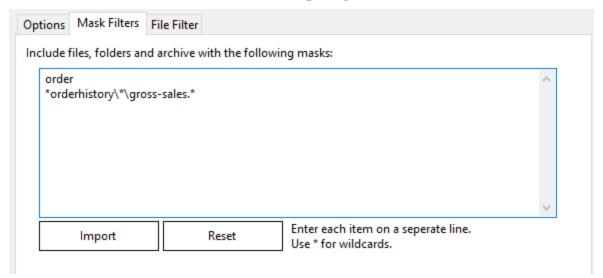
Open the Local or Network Folders project settings dialog box, click to open the Mask Filters tab, see below:



- 2. By default, all paths and filenames within the **Options** tab **Search Path** (s) are included using the wildcard pattern *.*
- To only include the subset of files containing the text "order" in either the folder path or filename itself, replace the default
 . pattern with the text order, or *order*, as below:



4. To also include any files in a subset of paths such as order history sales report stored by date as follows "...\orderhistory\\yyyymm\\gross-sales.rpt", enter the pattern *\orderhistory*\gross-sales.*, as below:



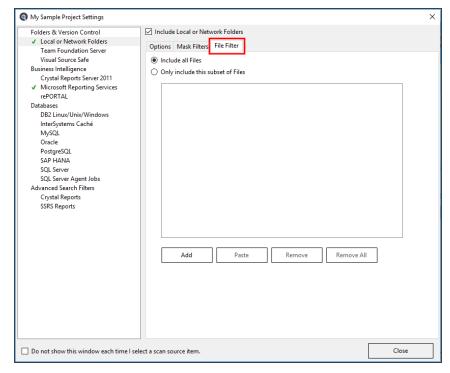
5. Repeat adding additional patterns on separate lines as needed, or use the Import button below to import a list of patterns.

Note: The list of "included" patterns is cumulative. In other words, each pattern on a line is "OR"-ed together with all other patterns. As such, leaving the default "*.*" pattern in this box would supersede all individual pattern lines that may be added.

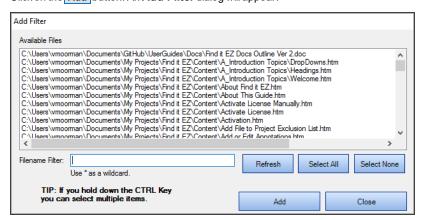
6. To clear the list, use the Reset button to restore the default * . * pattern (ie, include all).

To include one or more specific fully qualified files by name:

 Open the Local or Network Folders project settings dialog box, click to open the File Filter tab, see below:



- To include all files, click to choose the **Include all Files** option. This is the default selection.
- 3. To include only a subset of files, click to choose the **Only include this subset of Files** option.
- 4. To add a subset:
 - a. Click on the Add button. An Add Filter dialog will appear.

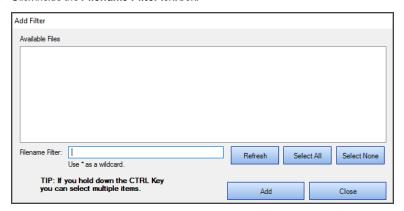


The **Available Files** list will be populated with a list of files included in the folders selected previously on the **Options** tab, and filtered to include / exclude specific subsets of files based on any entries on the **Mask Filters** tab.

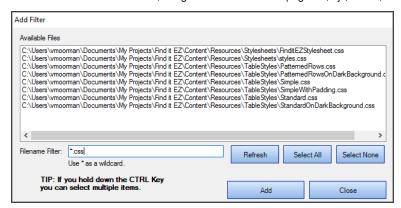
b. Click to select the desired file(s).

Note: Select multiple items by holding down the Ctrl key. Or, click on the Select All button or the Select None button, or the Refresh button as desired.

- c. To filter by file name, use the Filename Filter:
 - i. Click inside the Filename Filter text box.



ii. Enter the desired file name filter, using wildcards as desired (e.g. *.cs, *.js, *user*, etc.).



Note: This filter applies to the filename itself, and does not apply to the drive letter, folders or path names.

d. Select one or more items from the list.

Tip: Use the Select All button or hold the CTRL key then click to select multiple items.

- e. Once complete, click on the Add button. The selected files will be added to the Only include this subset of Files list.
- f. Repeat steps 5a through 5e to add additional files as desired.

AND/OR

- 5. To paste a subset from the clipboard:
 - a. Click on the Paste button. The clipboard contents will be added directly to the Only include this subset of Files list.
 - b. Optionally repeat Copy then Paste additional fully qualified filenames until completed.

Alert: The clipboard may contain a single file or list of filenames, but each line must be formatted with a fully qualified path.

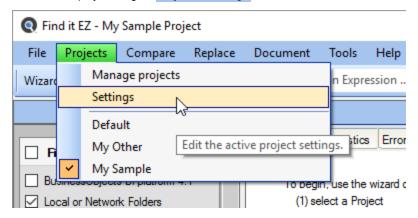
- 6. To remove file(s):
 - a. To remove all files from the list, click on the Remove All button.
 - b. To remove only selected file(s) from the list, click to select the files you want to remove, then click on the **Remove** button.
- 7. Click on the Close button to apply your changes.

Repositories

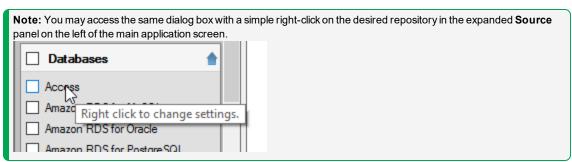
This section describes the procedures required to include files stored in various version control systems or report scheduling repositories, enter repository connection information, test a repository connection, select repository folders, and apply a file or report filter.

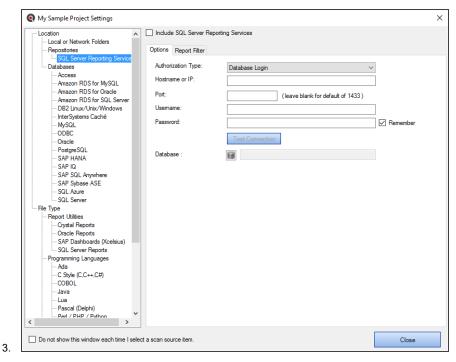
To access project settings for repositories:

1. Edit the active project using the *Projects -> Settings* menu.

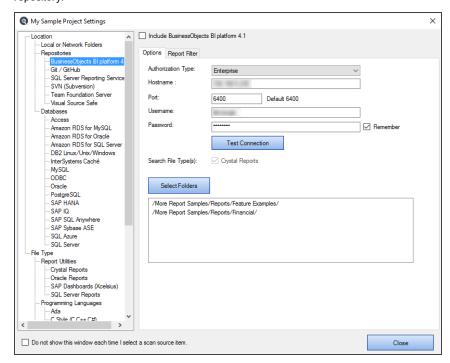


2. In the frame on the left, in the Location category, locate the Repositories sub category.

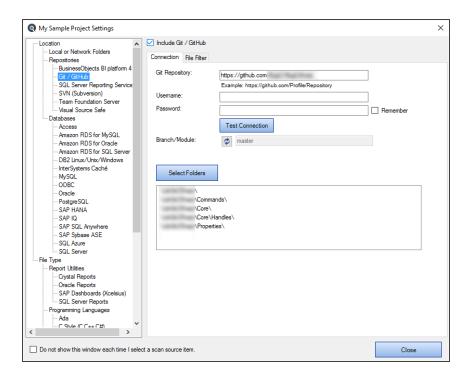




Click on the desired repository name. In the first example below, we have selected the BusinessObjects BI platform 4.1
repository:



In the second example below, we have selected the Git / GitHub repository:



Connection Information - Repositories

- 1. For the selected repository, select and/or enter the required connection information. Depending upon the repository selected, these settings could include:
 - · Authorization Name
 - Hostname
 - Port
 - Username
 - Password
 - Search File Type(s)
 - Git Repository
 - · Branch / Module or Branch
 - · Server URL or Server
 - Collection / Project or Project
- 2. To have Find it EZ remember your password between sessions, click to check the **Remember** check-box. The default setting is enabled (i.e. checked).

Note: If not saved, each time you start the Find it EZ program, you would be required to re-enter active project repository passwords. Otherwise, the attempt to authenticate your secure connections would fail for any index, search, compare, replace or document process.

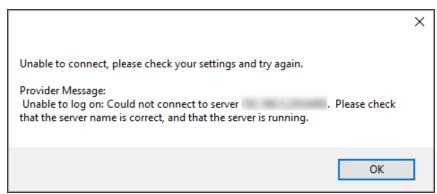
3. Click on the Close button to apply your changes.

Test Repository Connection

To test your connection, click on the **Test Connection** button. A progress dialog will appear with the following message: "Please wait, contacting the server."

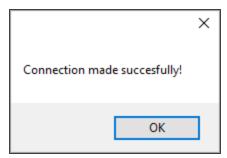


1. If the test is unsuccessful, you will receive an "Unable to connect. Please check your settings and try again." message, along with a Provider Message giving more details.



Note: The error handling system will provide up to two messages / alerts:

- Find it EZ will indicate, in general, what happened (e.g. "Unable to connect.").
- The called program may, at times, return a more detailed message that is proprietary to that target system and
 often provides you with more details to help you resolve the "why" we were unable to connect. We are not in control of the content of that message or when / if it comes back, but we will always display and log the extra details
 whenever possible.
- 2. If the test is successful, you will receive a "Connection made successfully!" message.

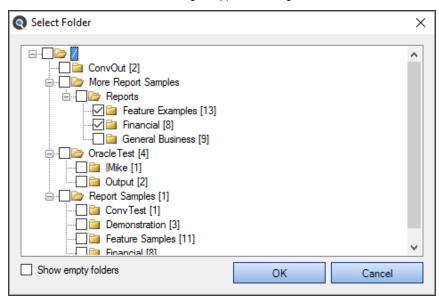


Select Repository Folders

To select folders, click on the Select Folders button. A progress dialog will appear: "Please wait, contacting the server."



1. Once connected, a Select Folder dialog will appear, showing a list of all folders included in the selected repository.



- 2. To show empty folders, click to check the **Show empty folders** check-box.
- 3. Select the desired folder(s) or sub-folder(s) by clicking to check the check-box preceding the desired folder(s).

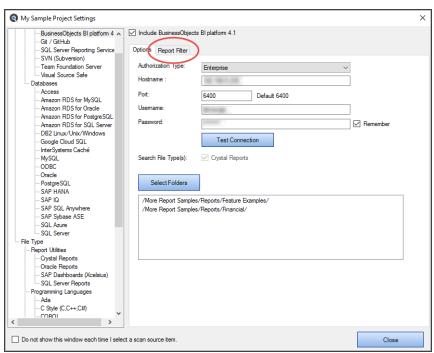
Tip: Clicking to check a parent folder will auto select / deselect all sub-folders.

4. Once selections have been made, click on the OK button. The selected folder(s) will appear in the folders list.

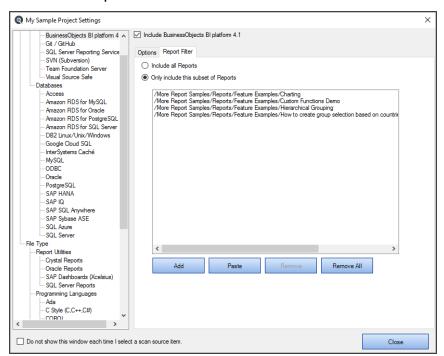
Apply Report Filter

To apply a report or file filter on a set of Repository documents to be included:

1. Open the desired Repository dialog box.



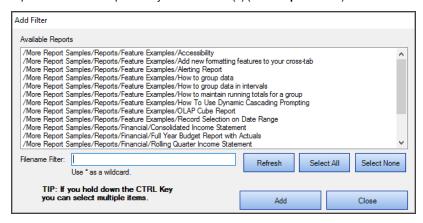
2. Click to select the Report Filter tab.



3. To include all reports, click to choose the Include all Reports option. This is the default selection.

OR

- 4. To include only a subset of reports, click to choose the Only include this subset of Reports option.
- 5. To add a subset:
 - a. Click on the Add button. An Add Filter dialog will appear. The Available Reports list will be populated with a list of reports included in the previously selected folder(s) (on the Options tab).

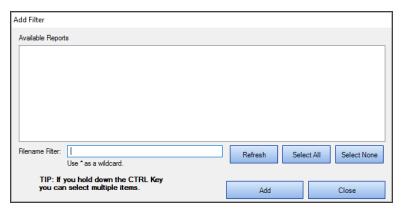


b. Click to select the desired report(s).

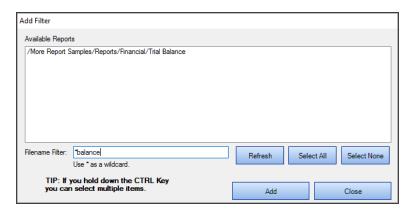
Note: Select multiple items by holding down the **Ctrl** key. Or, click on the **Select All** or **Select None** button, or the **Refresh** button as desired.

OR

- c. To filter by name, use the Filename Filter.
 - i. Click inside the Filename Filter text box.



ii. Enter the desired file name filter, using wildcards as desired (e.g. *.cs, *.js, *user", etc.).



Note: This filter applies to the file name itself, and does not apply to the drive letter, folders, or path names.

d. Select one or more files from the list.

Tip: use the Select All button or hold down the (Ctrl) key then click to select multiple items.

- e. Once complete, click on the Add button. The selected reports will be added to the Only include this subset of Reports list.
- f. Repeat steps 5a through 5e to add additional files as desired.

AND/OR

- 6. To paste a subset from the clipboard:
 - Click on the Paste button. The clipboard contents will be added directly to the Only include this subset of Reports list.
 - b. Optionally repeat Copy then Paste additional fully qualified filenames until completed.

Alert: The clipboard may contain a single file list of filenames, but each line must be formatted with a fully qualified path.

- 7. To remove report(s):
 - a. To remove all reports from the list, click on the Remove All button.
 - b. To remove selected report(s) from the list, click to highlight the reports you want to remove, then click on the Remove button.
- 8. Click on the Close button to apply your changes.

See Also:

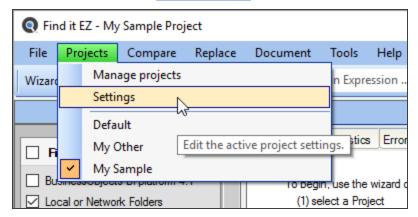
• "Local or Network Folders" on page 76

Databases

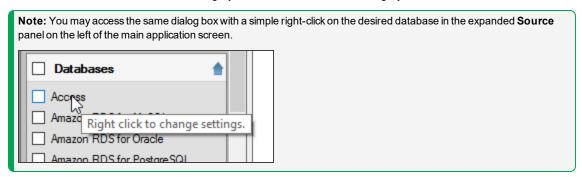
This section describes the procedures required to include the databases source in a project, enter database connection information, test a database connection, reset search defaults, open results with the desired viewer / editor, and apply various database search filters.

To access project settings for databases:

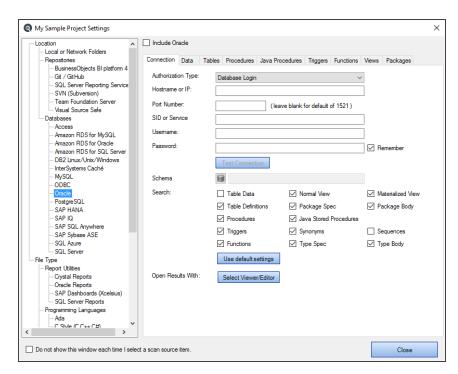
1. Edit the active project using the **Projects -> Settings** menu.



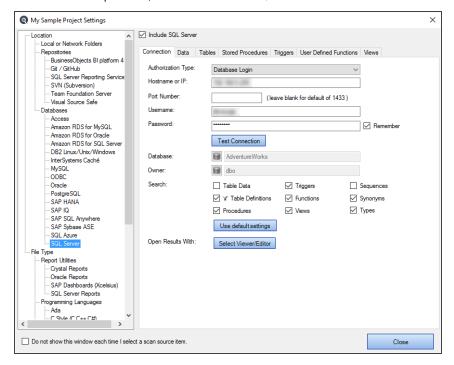
2. In the frame on the left, in the **Location** category, locate the **Databases** sub category.



3. Click on the desired database name. In the first example below, we have selected the **Oracle** database:



In the second example below, we have selected the SQL Server database:



Connection Information - Databases

- 1. For the selected database, select and/or enter the required connection information. Depending upon the database selected, these settings could include:
 - · File Extensions Searched
 - Password
 - · Search [Options]
 - · Hostname or IP
 - Port Number
 - Username
 - Database
 - Authorization Type
 - · SID or Service
 - Schema
 - Owner
 - · Classes
 - DSN
 - Instance Number
- 2. To have Find it EZ remember your password between sessions, click to check the **Remember** check-box. The default settings is enabled (i.e. checked).

Note: If not saved, each time you start the Find it EZ program, you would be required to re-enter active project database connection passwords. Otherwise, the attempt to authenticate your secure connections would fail for any index, search, compare, replace or document process.

Alert: Passwords are not saved in plain-text; however, if you chose to save passwords, it is recommended that you make an effort to secure access to the configuration database.

3. Click on the Close button to apply your changes.

Test Database Connection

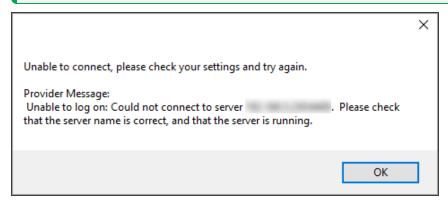
To test your connection, click on the **Test Connection** button.



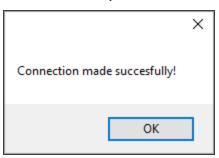
1. If the test is unsuccessful, you will receive an "Connection failed!" message, along with a Reason. Check your settings and try again.

Note: The error handling system will provide up to two messages / alerts:

- Find it EZ will indicate, in general, what happened (e.g. "Unable to connect.").
- The called program may, at times, return a more detailed message that is proprietary to that target system and
 often provides you with more details to help you resolve the "why" we were unable to connect. We are not in control of the content of that message or when / if it comes back, but we will always display and log the extra details
 whenever possible.



2. If the test is successful, you will receive a "A connection was made successfully!" message.



Reset Search Defaults

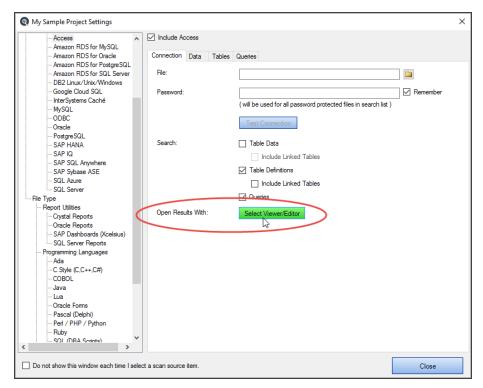
On the database **Connection** tab or BI Reports **Options** tab (see links below), the **Search** section contains a number of items for which you can search. To include a set of database objects, select an item and click to check the preceding check-box.

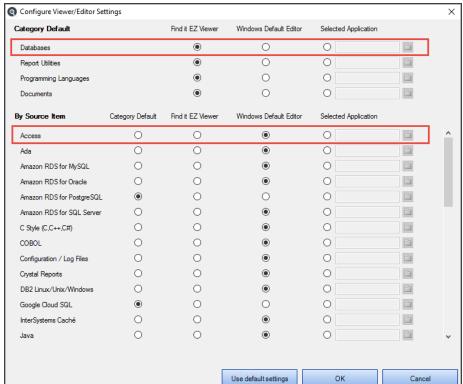
For each database type, there is a set of default database objects normally used for code change impact analysis. To restore the selections to the default settings that came with your Find it EZ install, click on the **Reset search defaults** button. This will also reset all individual database object filters to "include all items".

Note: If any one of the default items are not selected, or if a subset of objects are filtered, the corresponding **Source** item in the main application left panel will indicate this by including a **Filter** next to the **Source** item. This allows you to quickly identify when the source database objects are filtered and may not include all documents as configured.

Open Results With

To specify the viewer / editor with which you want to open search results for the selected database, locate the **Open Results With** field and click on the corresponding **Select Viewer / Editor** button.





Apply Database Item Filters

Depending upon the database selected, you may be presented with a number of filter options from which to choose, including:

- Data
- Tables
- · Stored Procedures
- Triggers
- · User Defined Functions
- Views
- · Java Procedures
- Functions
- · Packages
- · Events

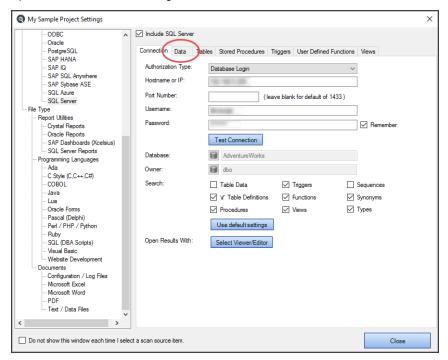
Each of these tabs allow you to select between including all corresponding database object items, or only specific subset of items. This allows you to expedite the subsequent (re)indexing process as well as reduce false-positive matches in your search results.

Click on the desired filter tab (see examples below).

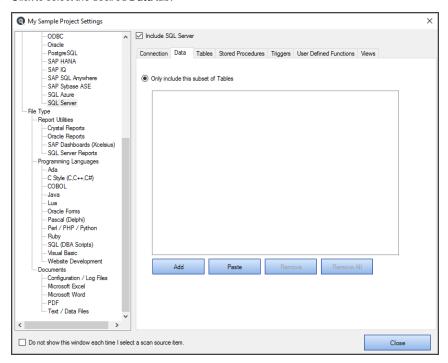
You may use the **File Filter** tab to include only a subset of specific files within the configured path(s). You must first add the desired source path folders. This filter is often used to minimize false positives or expedite indexing and searching by limiting the number of file contents included in a project. This setting can be quickly changed to include all or a subset of files as needed.

To apply a Data filter:

1. Open the desired Database dialog box.

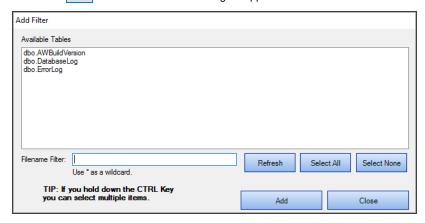


2. Click to select the desired Data tab.



3. To add a subset:

a. Click on the Add button. An Add Filter dialog will appear.



The **Available Tables** list will be populated with a list of tables included in the folders selected previously on the **Options** tab.

b. Click to select the desired table(s).

Note: Select multiple items by holding down the **Ctrl** key. Or, click on the **Select All** button or the **Select None** button, or the **Refresh** button as desired.

- c. To filter by table name, use the Filename Filter:
 - i. Click inside the Filename Filter text box.
 - ii. Enter the desired file name filter, using wildcards as desired (e.g. *.cs, *.js, *user*, etc.).

Note: This filter applies to the table name itself, and does not apply to the drive letter, folders or path names.

d. Select one or more items from the list.

Tip: Use the Select All button or hold the (Ctrl) key then click to select multiple items.

- e. Once complete, click on the Add button. The selected tables will be added to the Only include this subset of Tables list.
- f. Repeat steps 3a through 3e to add additional tables as desired.

AND/OR

- 4. To paste a subset from the clipboard:
 - a. Click on the Paste button. The clipboard contents will be added directly to the Only include this subset of Tables list.
 - b. Optionally repeat Copy then Paste additional fully qualified filenames until completed.

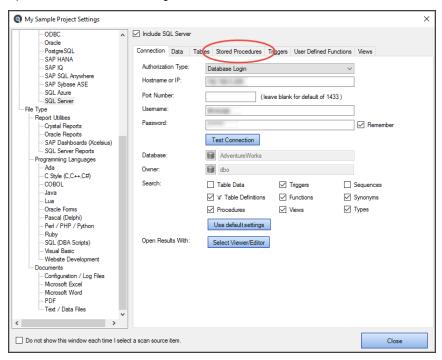
Alert: The clipboard may contain a single file or list of filenames, but each line must be formatted with a fully qualified path.

- 5. To remove file(s):
 - a. To remove all files from the list, click on the Remove AII button.
 - b. To remove only selected table(s) from the list, click to select the table(s) you want to remove, then click on the Remove button
- 6. Click on the Close button to apply your changes.

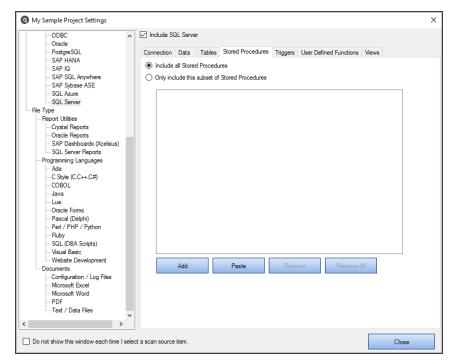
Note: Normally, including database table data is disabled by default. However, in some systems it may be necessary to include searching the contents of some system tables that either contain dynamic programming logic / code, or that may contain type codes or other application related content you wish to include in your change impact analysis. Because this can drastically affect indexing size and search performance, you must select the subset of specific system tables. Searching all database tables is not recommended.

To apply a Stored Procedures filter:

1. Open the desired **Database** dialog box.

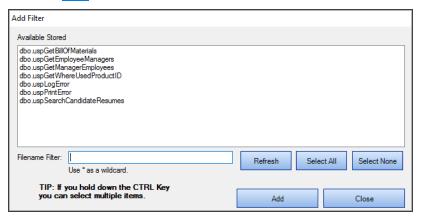


2. Click to select the Stored Procedures tab.



- To include all stored procedures, click to choose the Include all Stored Procedures option. This is the default selection.

 OR
- 4. To include only a subset of files, click to choose the Only include this subset of Stored Procedures option.
- 5. To add a subset:
 - a. Click on the Add button. An Add Filter dialog will appear.



The **Available Stored Procedures** list will be populated with a list of stored procedures included in the folders selected previously on the **Options** tab.

b. Click to select the desired stored procedure(s).

Note: Select multiple items by holding down the **Ctrl** key. Or, click on the **Select All** button or the **Select None** button, or the **Refresh** button as desired.

- c. To filter by file name, use the Filename Filter:
 - i. Click inside the Filename Filter text box.
 - ii. Enter the desired file name filter, using wildcards as desired (e.g. *.cs, *.js, *user*, etc.).

Note: This filter applies to the stored procedure name itself, and does not apply to the drive letter, folders or path names.

d. Select one or more items from the list.

Tip: Use the Select AII button or hold the Ctrl key then click to select multiple items.

- e. Once complete, click on the Add button. The selected stored procedures will be added to the Only include this subset of Stored Procedures list.
- f. Repeat steps 5a through 5e to add additional stored procedures as desired.

AND/OR

- 6. To paste a subset from the clipboard:
 - a. Click on the Paste button. The clipboard contents will be added directly to the Only include this subset of Stored Procedures list.
 - b. Optionally repeat Copy then Paste additional fully qualified filenames until completed.

Alert: The clipboard may contain a single file or list of filenames, but each line must be formatted with a fully qualified path.

- 7. To remove file(s):
 - a. To remove all files from the list, click on the Remove All button.
 - b. To remove only selected stored procedure(s) from the list, click to select the stored procedures you want to remove, then click on the **Remove** button.
- 8. Click on the Close button to apply your changes.

Tip: Each of the database item filters, other than "table data", work in the same way as a file filter. However, when using wildcards to select database objects some include the object schema or owner in the format: owner.objectname. You may filter the selection list to include all objects belonging to a specific owner as follows: owner.*

See Also:

- "Local or Network Folders" on page 76
- · "Viewer / Editor Settings" on page 57
- · "BI Reports" below
- "Search an Oracle Database" on page 230
- · "Search a SQL Server Database" on page 234

File Type

This section provides detailed steps required to configure project settings for Programs, Documents, and BI Reports.

BI Reports

This section describes the procedures required to include the BI Reports source files, reset defaults, download optional connectors, and open search results with the desired viewer / editor.

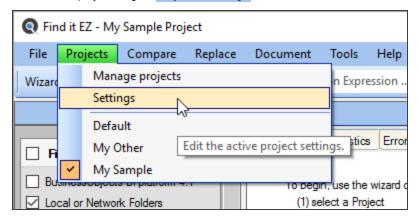
Report files can be physically stored in one of three Locations:

- · Local or network folders.
- Report Scheduling database repositories, such as SAP BusinessObjects Enterprise Server or a SQL Server Reporting Services database.
- · Version control system repositories, such as git, TFS, etc.

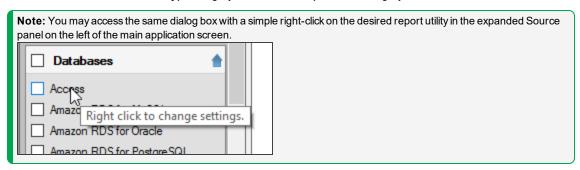
To include selected report type files in a Project, you must also select and configure one or more of the possible locations these corresponding files can be stored within.

To access project settings for BI Reports:

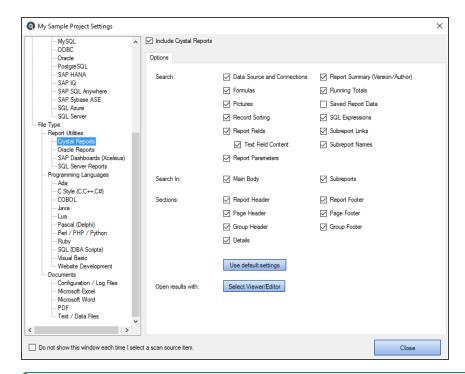
1. Edit the active project using the **Projects -> Settings** menu.



2. In the frame on the left, in the File Type category, locate the BI Reports sub category.



3. Click on the desired report utility. In the example below, we have selected the Crystal Reports report utility:

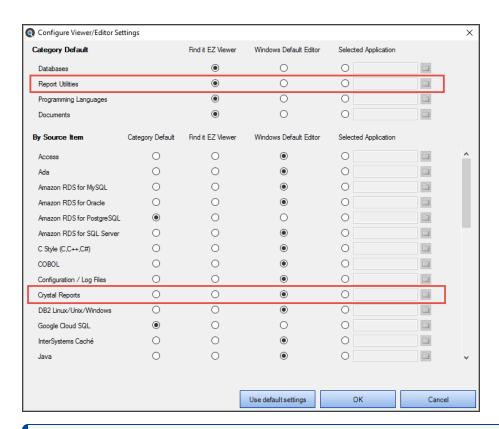


Note: The Use default settings button resets the sections and search items to the most common used program settings.

The steps required to configure individual settings for each report utility are similar to other file type source items. Each report utility uses a unique document model to organize and manage code and content design. For BI report designers familiar with each tool, these report sections and page layout areas will be familiar. You may include all or a subset of these items to limit the scope of document contents indexed and/or searched.

Note: The Use default settings button resets the sections and search items to the most common used program settings.

To specify the viewer / editor with which you want to open search results for the selected report utility, locate the **Open Results With** field and click on the corresponding **Select Viewer / Editor** button.



See Also:

- "Viewer / Editor Settings" on page 57
- "File Locations and Source Settings" on page 74
- "Download Connectors" on page 288
- "Reporting Tools" on page 238
- "Create a Database Cross-Reference List" on page 238
- "Identify reports using a specified connection" on page 262
- "Find text in a text box in a Crystal Report" on page 266

Programs

This section describes the procedures required to include various programming language source code files in a project, add or remove file extensions searched, and open results with the desired viewer / editor.

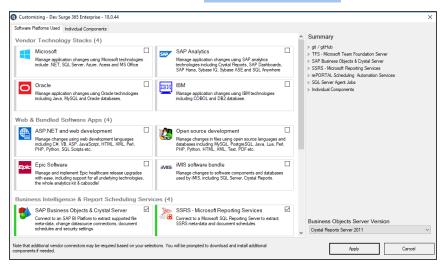
Programming language source code files can be physically stored in one of two Locations:

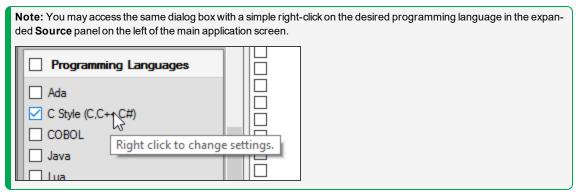
- Local or network folders.
- · Version control system repositories, such as git, TFS, etc.

To include selected programming language source code files in a Project, you must select and configure one or more of the possible locations these corresponding files can be stored within. You must also include the programming languages in the **Customization Wizard**.

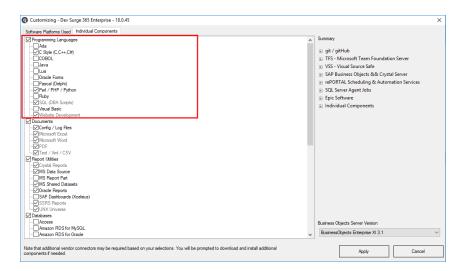
To include the programming languages used in your development environment:

Select (enable) the applicable vendor technology stacks, web & bundled software apps on the Software Platforms Used tab via the main menu Tools -> Customize -> Source:

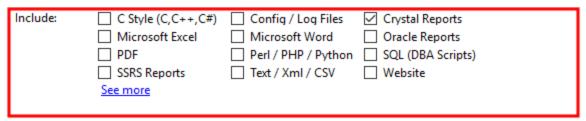




2. Or click on the Individual Components tab, locate the Programming Languages sub category.



 Click on the desired programming language(s), then click on the Apply button to show / hide these available source document types within the Include sections of the corresponding source location Options tabs in the Project Settings configuration dialog. See below for example:



Note: The **See more** link located at the end of the **Include** lists, when clicked, auto refreshes the list of available items to include the "hidden" but available source items. When a "hidden" item is checked, it will become visible going forward on the **Source** panel on the main screen and automatically be included in your custom program settings.

4. Refer to See Also links below for more info on managing project settings.

Add or Remove File Extensions Searched

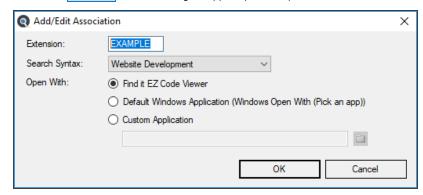
Within many organizations, corporate file-naming standards are often used for common programming language functions. You may apply the same syntax-aware parsing of content for a given programming language by adding these file extensions to the corresponding source item.

 Association File Types Associate a file type with a specific Find it EZ Search syntax You can also use this feature to change which application Find it EZ will use to open search results Add New Remove File Type Extension Search Syntax Opens With Application Opens With
Default Windows Application
Find it EZ Code Viewer
Default Windows Application
Find it EZ Code Viewer
Find it EZ Code Viewer File Type

ASCX
ASC
ASC
ASC
CFG
CFM
CCM
CONF
CONFIG
COPP
CS
CSV
CUSTOM Website Development Website Development Website Development C Style (C,C++,C#) Microsoft Visual Studio 2017 C Style (C.C++,C#)
Configuration / Log Files
Website Development
Configuration / Log Files
Website Development
C Style (C.C++,C#) Find it EZ Code Viewe C Style (C,C++,C#) Find it EZ Code Viewe Website Development Text / Xml / CSV Find it EZ Code Viewe Find it EZ Code Viewe Find & EZ Code Viewer
Find & EZ Code Viewer SSRS Reports
SQL (DBA Scripts)
Microsoft Word
Microsoft Word CUSTOM CUSTO
DDL
DOC
DOCX
DOCX
DOY
DTD
H
HHPP
HTML Microsoft Word
SQL (DBA Scripts)
Text / Xml / CSV
C Style (C,C++,C#)
C Style (C,C++,C#)
Website Development
Website Development
COL (DBA Scripts) denotes a built in extension which cannot be removed.

1. To add a new custom file type, from the main menu Tools -> Customize -> Association File Types

a. Click on the Add New button. A dialog will appear (as below).



- b. Enter the name of the new file extension (without the leading ".").
- c. Select the desired programming language **Search Syntax** to be applied to contents of documents using this file type extension.

Alert: You may only associate (add) unique custom filename extensions to one or more programming language. So, for example, if you wanted to associate the file extensions "sam" to be parsed as a Java file, and / or a C# file, you can add the same file type "sam" selecting each search syntax you would like it parsed with. However, this may produce duplicate search results for each search syntax with the same file and is not recommended.

- d. Chose an **Opens With** viewer / editor.
- e. Click on the OK button. The new file extension will be added to the File Type Extension list.
- 2. To remove a file extension:
 - $a. \quad \text{In the {\it File Type Extension list, click to select the file extension you want to remove.} \\$
 - b. Click on the **Remove** button. The selected file extension will be removed from the list.

Alert: You will not be able to remove any of the standard default file extensions associated with each Programming Language.

3. To apply your changes, click on the **OK** button.

See Also:

- "Search Wizard" on page 122
- "Projects" on page 70
- · "Viewer / Editor Settings" on page 57
- "File Locations and Source Settings" on page 74

Documents

This section describes the procedures required to include the documents source in a project, add or remove file extensions searched, open results with the desired viewer / editor, and select Microsoft Excel search scope options (where applicable).

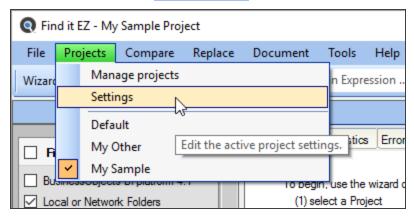
Application logs, data files and office documents can be physically stored in one of two Locations:

- · Local or network folders.
- · Version control system repositories, such as git, TFS, etc.

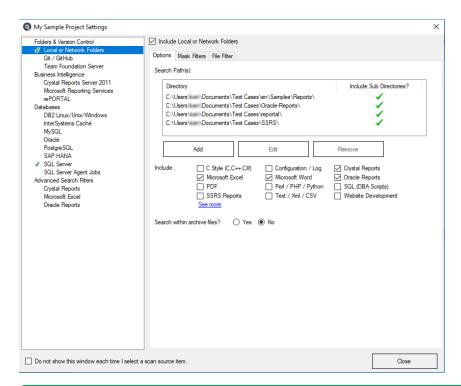
To include selected documents in a Project, you must also select and configure one or more of the possible locations within which these corresponding files can be stored.

To access project settings for documents:

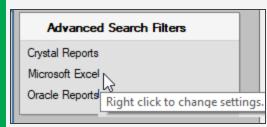
1. Edit the active project using the *Projects -> Settings* menu.



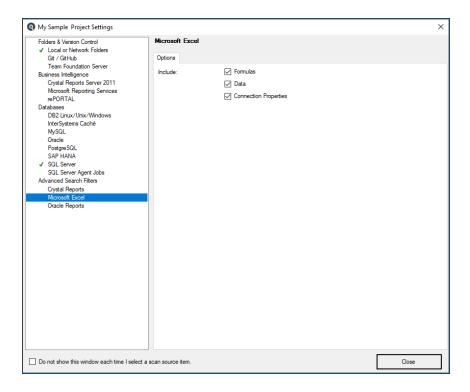
2. A Project Settings dialog window will appear as below.



Note: You may access the same dialog box with a simple right-click on the desired document type in the expanded **Source** panel on the left of the main application screen.



- 4. In the tree list on the left, locate the Advanced Search Filters sub category.
- 3. Click on the desired document type. In the example below, we have selected the Microsoft Excel document type:



Microsoft Excel Search Options

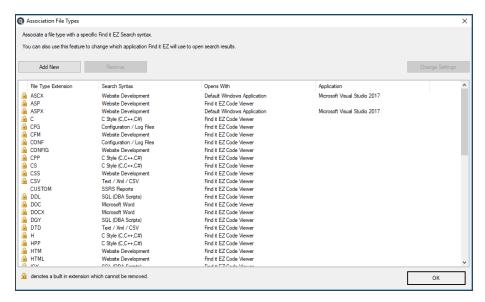
Note that when the **Microsoft Excel** source is selected, you are able to select from the following **Search** options to optimize search performance and reduce false-positive matches:

- Formulas include cell formula content
- Data include visible cell data content
- · Connection Properties include Excel workbook datasource connection information

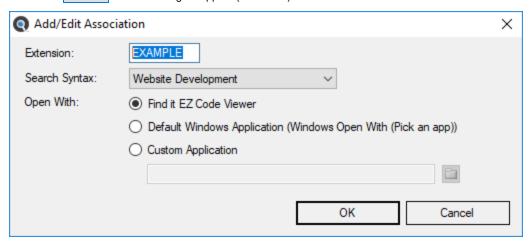
To include content from these items, click to check the preceding check-box (un-check to exclude).

Add or Remove File Extensions Searched

You may add custom file type extensions to be searched using the **Tools -> Customize -> Associate File Types** menu, which will launch the **Associate File Types** dialog as below:



- 1. To add a file extension (where applicable):
 - a. Click on the Add New button. A dialog will appear (see below).



- b. Enter the name of the new file extension (without the leading ".").
- c. Select the **Search Syntax** applicable to the contents of files saved with this extension.
- d. Chose an **Open With** option to associate your preferred file viewer / editor with this new extension. The default is the built-in Find it EZ Code Viewer.
- e. Click on the **OK** button. The new file extension will be added to the **Associate File Types** list.
- 2. To remove a file extension:
 - a. In the Associate File Types list, click to select the custom file extension you want to remove.
 - b. Click on the **Remove** button. The selected file extension will be removed from the list.

Alert: You will not be able to remove any of the standard default file extensions associated with each Document type.

These built-in file types are indicated with a lock icon.

3. To apply your changes, click on the $\begin{tabular}{c} \textbf{OK} \end{tabular}$ button.

See Also:

- "Viewer / Editor Settings" on page 57
- "File Locations and Source Settings" on page 74

Get Started with Wizards

This section provides step-by-step procedures required to use the various Find it EZ 'wizards' to walk you through common tasks, to perform a regular search, to use the expression builder, and to understand the features of the Searching status window (including multitasking while searching, errors, and stopping a search).

A 'wizard' is a sequence of dialog boxes that lead you through a series of well-defined steps. This section will introduce you to the following four basic types of Find it EZ wizards:

- · Search Wizard
- · Compare Wizard
- · Document Wizards
- · Replace Wizards
- · Backup Wizard

Wizards Overview

This section describes how to launch the various available **Wizards**, understand the purpose of each unique option, and to set the main **Wizards** dialog to show (or not) on application start-up.

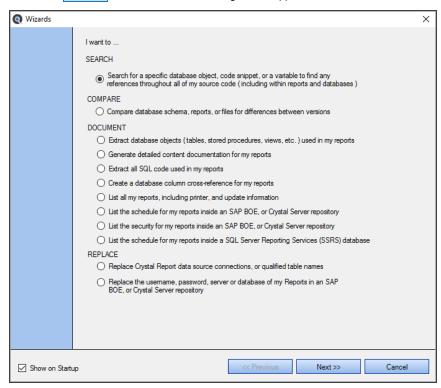
Launch the Wizards

The **Wizards** walk you through the steps required to set up and run a search, generate documentation, and perform other common tasks. If the **Show on Start-up** option is selected, the **Wizards** dialog will open automatically when you start up Find it EZ.

Note: The Show on Start-up option is selected by default when Find it EZ is run for the first time.

If the Wizards dialog does not open automatically, follow these steps:

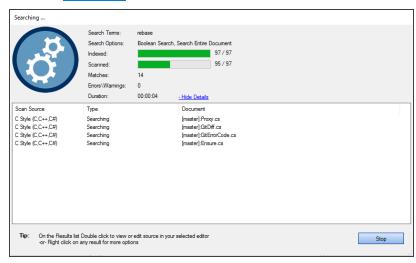
1. Click on the Wizards button. The Wizards dialog box will appear.



- a. Click to choose the desired search option.
- b. Click on the Next button to continue.
- 2. Create or select a new project:
 - a. Click to choose the Use an existing project option, then select the desired project from the drop-down list,
 OR
 - b. Click to choose the Create a new project option and enter the desired project name into the corresponding text box.
 - c. Click on the Next button to continue.
- 3. Select the file types to include in your search:
 - a. Click to check each item you want to include.
 - b. Click on the Next button to continue.
- 4. Select the desired file locations:
 - a. Click to check any File Locations you want to search.
 - b. Click to check any **Databases** you want to search.
 - c. Click on the **Next** button to continue.
- 5. Enter connection information for each repository or database.

Note: If more than one source location is selected, connection information will be requested for each source.

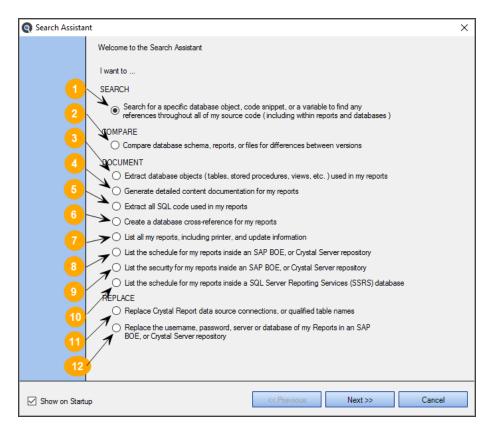
- a. Click on the ${\color{red}{\sf Test \ Connection}}$ button to verify your connection.
- b. Click on the **Next** button to continue.
- 6. Enter your search criteria:
 - a. Enter a search term into the **Find** text box.
 - b. Click on the Start Search button. A search dialog box will appear showing the status of the search.



7. Once the search is complete, results will appear in the **Results** window.

Wizards Options

Refer to the image and table below for a description of each option:



#	Wizard	Menu Shortcut	Use Case / Document Produced	Sample Documents
1	Search for a specific database object, code snippet, or a variable to find any references throughout all of my source code (including within reports and databases)	See links at end of topic.	Use Boolean or Wildcard search expressions to find all references to any text throughout your entire code stack, data files or office documents. Search results are displayed in the main application window with highlighted match details for each document containing a "hit." Interactive to-do list results can then be used to launch an editor of your choice to work with the original source document, or lists can be updated, saved, printed or exported to various file formats such as HTML, text, CSV or Excel spreadsheets as needed.	List XLSX List HTML Detail XLSX Detail HTML
2	Compare database schema, reports, or files for differences between versions	Compare - > Docu- ments, Reports & Databases	Mass compare release branches for differences in versions of your code files, reports or database schema and SQL code objects (procedures, triggers, views, functions). Drill down with detailed "diff" tool to view highlighted side-by-side target and source file differences pinpointing exactly what has changed. Export results to Excel lists or scrollable, highlighted HTML.	Detail HTML Detail XLSX

#	Wizard	Menu Shortcut	Use Case / Document Produced	Sample Documents
63	Extract database objects (tables, stored procedures, views, etc.) used in my reports	Document - > Business Intelligence -> Database Cross-Reference	Create a list of data source connections, server host names, data- base names, tables, procedures, views, table links (joins), call state- ments, parameters and includes both embedded SQL SELECT statements from within your reports or the underlying database SQL code content. Results are exported to Excel with customizable column selections.	XLSX
3	Generate detailed content doc- umentation for my reports	Document - > Business Intelligence -> Report Definition	Automatically generate detailed report documentation for your entire report library in a consistent layout and format. Complete report specifications in a standard format are exported in your choice of HTML or TXT format. Create a single file for each report processed, or export all results into file with page-breaks for each report.	HTML TXT
6	Extract all SQL code used in my reports	Document - > Business Intelligence -> Show SQL Queries	Extract all SQL statements embedded within your reports, including run-time derived SQL commands and table joins from a visual dragand-drop designer. Export documentation to your choice of HTML or TXT format. Create a single file for each report processed, or export all results into file with page-breaks for each report.	HTML TXT
6	Create a database cross-reference for my reports	Document - > Business Intelligence -> Column Cross- Reference	Create a complete database cross-reference for all of your reports. List tables and database fields used within your reports by location (where used / referenced). Results are exported to Excel with customizable column selections.	XLSX
•	List all my reports, including printer and update inform- ation	Document - > Business Intelligence -> Report Listing	Create a real-time list of all of your reports, including author information, last updated, where located, etc. Results are exported to Excel with customizable column selections.	XLSX
8	List the schedule for my reports inside an SAP BOE or Crystal Server Repository	Document - > SAP BOE / Crystal Server -> Report Schedules	Create a real-time list of all Crystal Report schedules within your SAP BOE or Crystal Server repository, including deliver to, output format, schedule frequency, data or event triggers, report parameters and more. Results are exported to Excel with customizable column selections.	XLSX
9	List the security for my reports inside an SAP BOE or Crystal Server Repository	Document - > SAP BOE / Crystal Server -> Security Listing	Create a real-time list of Crystal Report security access for all schedules and reports located within your SAP BOE or Crystal Server. Results are exported to Excel with customizable column selections.	XLSX
•	List the schedule for my reports inside a SQL Server Report- ing Services (SSRS) database	Document - > SQL Reporting Services -> Report Schedules	Create a real-time list of all Crystal Report schedules within your SQL Server Reporting Services database, including deliver to, output format, schedule frequency, data or event triggers, report parameters and more. Results are exported to Excel with customizable column selections.	XLSX

#	Wizard	Menu Shortcut	Use Case / Document Produced	Sample Documents
	Replace Crystal Report data source connections or qual- ified table names	Replace -> Crystal Reports -> Data source connections or qualified table names	Mass change the data source connections for a set of Crystal Reports. This is useful whenever you are migrating reports between development->test->production host environments, a database is moved to a new server, a database name has changed, the database type has changed or you want to change the data source connection type (for example you want to switch from ODBC to OLE DB connection or vice-versa). Output can over-write the original source files or be written to a new target folder (recommended).	
12	Replace the user- name, password, server or database of my Reports in an SAP BOE or Crystal Server repository	Replace -> Crystal Reports -> BOE BI Data- base logon information	Mass change Crystal Report database login (authorization) information on a set of schedules within an SAP BOE or Crystal Server. Useful to change a large set of schedules rather then having to change each report schedule individually through the Crystal Management Console. Output can over-write the original source files or be written to a new target folder within the repository (recommended).	

Show Wizards on Start-up

At the bottom, left corner of the **Wizards** dialog box there is a **Show on Startup** check-box. Click to un-check this item to prevent the **Search Wizard** from launching automatically each time you start the program.

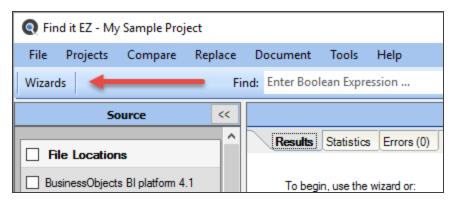
See Also:

- "Perform a Regular Search" on page 161
- "Local or Network Folders" on page 76
- "Use the Expression Builder" on page 167
- "Work With Search Results" on page 177
- "Search Within Result Documents" on page 187
- "Projects" on page 70

Search Wizard

This section takes you through each step required to use the **Search Wizard**: launch the wizard (two ways), create or select a project, select file types to include, select file location(s), enter connection information, enter search criteria and start the search, and enter connection information and update reports.

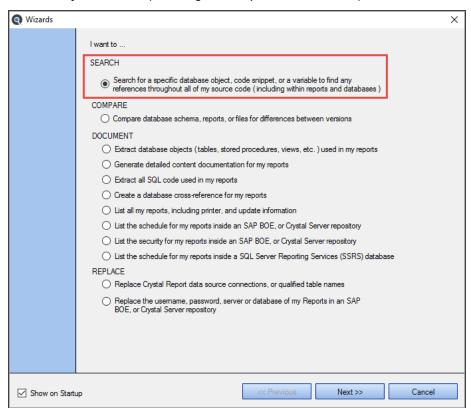
Launch the Search Wizard



The Search Wizard is launched only via the Wizards button (i.e. this wizard cannot be accessed via the menu), as follows:

Click to choose the Search Wizard option:

Option 1: Search for a specific database object, code snippet, or variable to find any reference throughout all
of my source code (including within reports and databases)



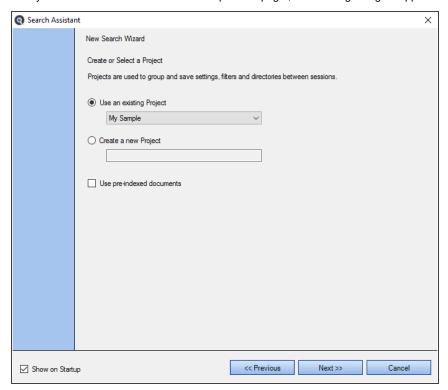
Click on the Next >> button to continue.

The Search Wizard will open.

Create or Select a Project

Projects are used to group and save search settings, filters, and directories between sessions.

1. After you "Launch the Search Wizard" on the previous page., the following dialog will appear:



- 2. To use an existing project for your search:
 - a. Click to choose the Use an existing Project option (selected by default).
 - b. From the project drop-down list, click to select the name of the existing project (i.e. settings) you would like to use for your search.
- 3. To create a new project for your search:
 - a. Click to choose the Create a new Project option.
 - b. In the project text box, enter the name of the new project.
- 4. To use pre-indexed documents for this search, click to check the Use pre-indexed documents check-box.

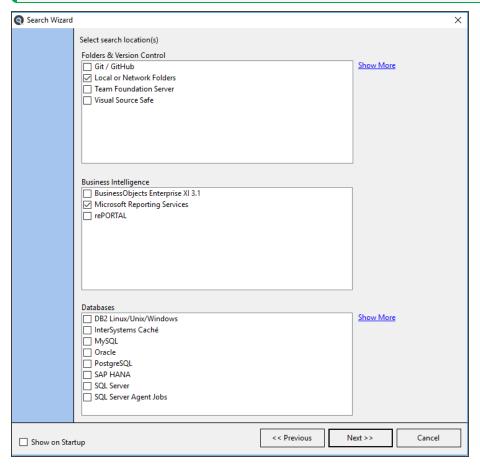
Tip: Whenever possible, using pre-indexed documents will drastically improve search performance.

5. Click on the **Next >>** button to continue.

Select File Location(s)

A number of **Search Wizard** options include this dialog box. See example below:

Note: The **Show More** link located to the right of the lists below, when clicked, auto refreshes the list of available items to include the "hidden" but available source items. When a "hidden" item is checked, it will become visible going forward on the **Source** panel on the main screen and automatically be included in your project and custom program settings.

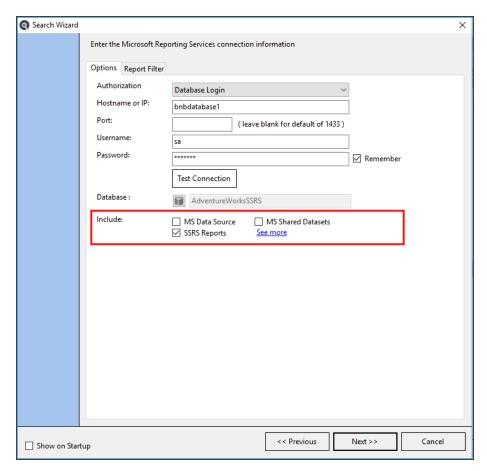


- 1. In the **Folders & Version Control** lists, click to select the storage areas within which you want to search
- 2. In the Databases list, click to select the source database(s) within which you want to search.
- 3. Click on the Next >> button to continue.

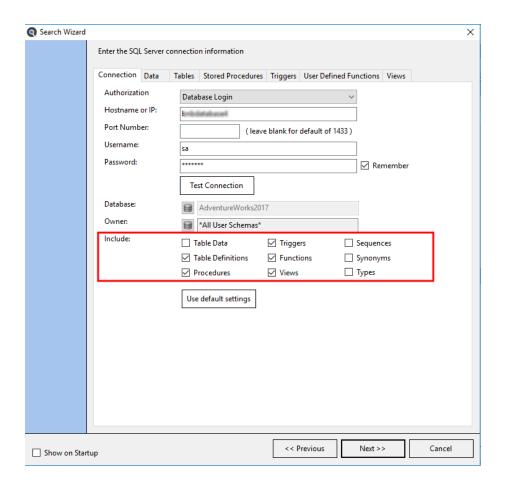
Note: To go back to the previous step, click on the << Previous button.

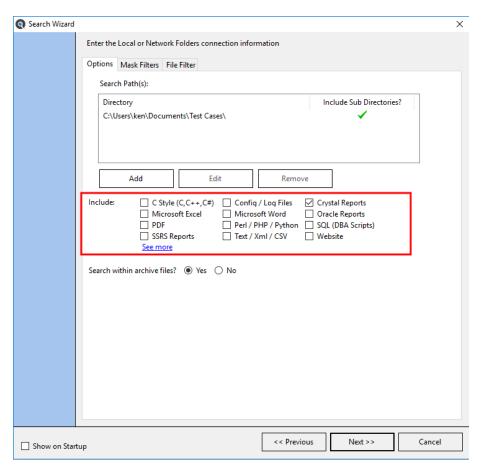
Enter Connection Information

The following example is for SQL Server Reporting Services (SSRS) connection information.



The following examples are for SQL Server database connections and local or network folders:





- 1. On the Options tab (selected by default), enter the connection information for the selected source.
- 2. To test the connection, click on the **Test Connection** button where applicable.
- In the Include section, select all document types you wish to search. Click the See more hyperlink for additional hidden but available document types.

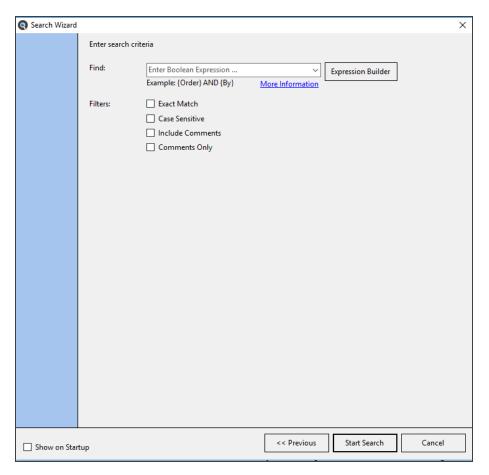
Alert: You must select at least one document type to be included from each source location.

Note: The **See more** link located at the end of the **Include** lists, when clicked, auto refreshes the list of available items to include the "hidden" but available source items. When a "hidden" item is checked, it will become visible going forward on the **Source** panel on the main screen and automatically be included in your custom program settings.

- 4. To apply a filters in order to limit the subset of documents to be included, click on any of the object **Filter** tabs to right of the **Options** tab and see links below for more detail.
- 5. To continue, click on the Next >> button.

Enter Search Criteria and Start Search

This dialog is the final step in the **Search Wizard**. See below:

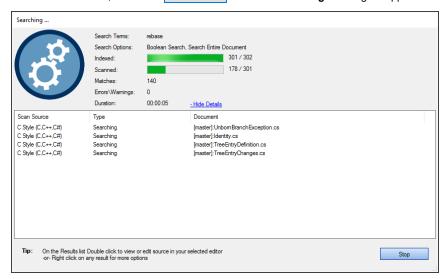


- 1. From the **Search Type** drop-down list, click to select one of the following options:
 - Boolean (can include wildcards)
- 2. In the Find text box, enter the desired search expression.

Tip: Click on the **More Information** link for search expression hints, or click on the **Expression Builder** button for assistance building complex boolean queries.

- To view or select from a list of recent search expressions, click on the field to view a drop-down list and click to select the desired search expression.
- To perform a search using the Boolean Search Builder, click on the Expression Builder button. Refer to the See Also links below.
- 3. In the Content Filters section, click to select the desired filters:
 - Exact Match exact word match for Boolean search. When enabled, matching will be attempted within each individual word, not across words, and is case-insensitive. If disabled (default), for Boolean, this would essentially behave like a wildcard (partial word) match.
 - · Case Sensitive match case of expression.
 - Include Comments default is disabled to reduce false-positive matches. When enabled, comments are searched.

- Comments Only - default is disabled. When enabled, "include comments" is automatically enabled and ONLY
 comments are searched.
- 4. To launch the search, click on the Start Search button. A Searching ... dialog will appear. See example below:



- 5. To stop the search, click on the Stop button.
- 6. Once the search is complete, any results matching your search criteria will appear in the Results window.

See Also:

- "Show or Hide Source Items" on page 54
- "Perform a Regular Search" on page 161
- "Use the Expression Builder" on page 167
- "Local or Network Folders" on page 76
- "Repositories" on page 87
- "Databases" on page 94
- "Local or Network Folders" on page 76
- "Apply Report Filter" on page 91
- "Projects" on page 70
- "Use Pre-Indexed Documents" on page 164

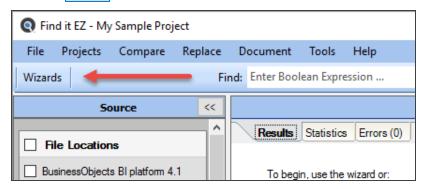
Compare Wizard

This section takes you through each step required to use the **Compare Wizard**: including how to launch the wizard (two ways), how to choose compare source and target, how to configure and refresh or use pre-indexed documents for the compare process and how to map documents to compare.

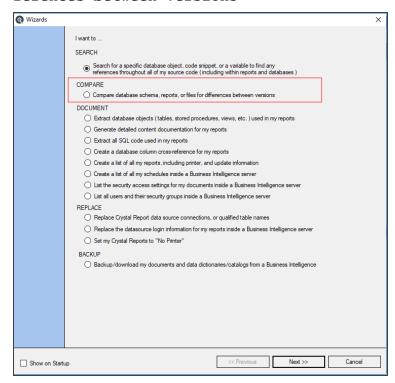
Launch the Compare Wizard

The Compare Wizard can be launched via the Wizards dialog or via the main menu. See below:

- 1. Launch the Compare Wizard via the main Wizards dialog:
 - a. Click on the Wizards button on the search bar.

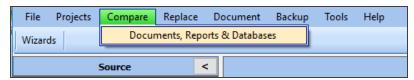


- b. Click to choose the following **COMPARE** option:
 - Option 2: Compare database schema, reports or files for differences between versions



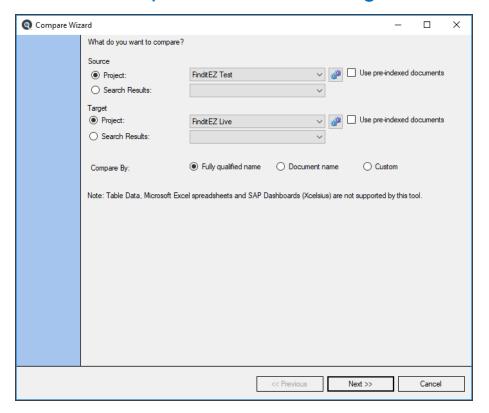
OR

- 2. Launch the Compare Wizard via the main menu:
 - From the Find it EZ menu, select Compare -> Documents, Reports & Databases



3. The Compare Wizard will open.

Choose Compare Source and Target



Note: Microsoft Excel spreadsheets and database table data are not supported by this tool.

- 1. To compare files or database objects within a project:
 - a. In the **Source** or **Target** section, choose the **Project** option.

- b. From the project drop-down list, click to select the name of the project you want to compare.
- c. To change settings for the selected project, click on the corresponding gears icon to the right.
- d. If desired, click to check the Use pre-indexed documents check-box.

Note: Use of pre-indexed documents will improve performance. However, the documents compared may not be the latest content as the index will not be refreshed to check for any updates prior to executing the comparison of project files previously indexed.

- 2. To compare search results:
 - a. In the Source or Target section, choose the Search Results option.
 - b. From the search results drop-down list, click to select the desired search results. Note the date and time.
- 3. In the Compare By section, click to choose one of the following three methods of comparison:
 - Fully Qualified Name automatically matches documents by name within identical Source and Target, qualified by identical sub-folder path or database name.
 - Document Name automatically matches documents by name within identical Source and Target.
 The files do not have to reside in the same source and target paths or databases as is the case for Fully Qualified Name option above.

Note: Use this option when the database name or folders where documents you would like to compare are different, but the document names themselves are identical between source and target projects / search results being compared.

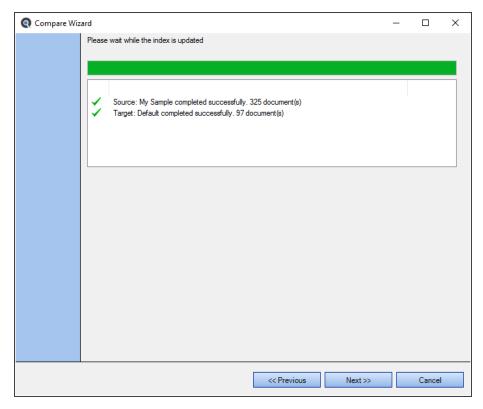
• Custom - allows full end-user control of Source and Target document pairs to compare.

Note: Use this option to compare the contents of files with different filenames or contents of completely different file types (e.g. a database procedure to a SQL script file, for example).

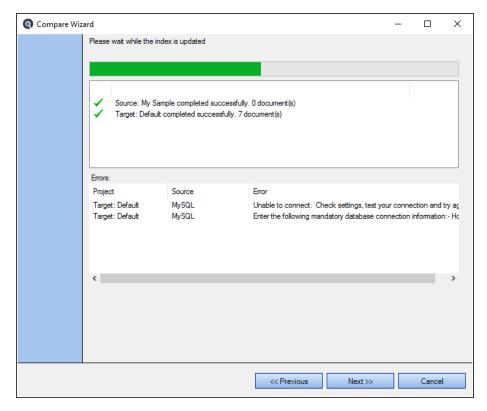
4. To continue, click on the Next >> button.

Update Index for Compare

Once you choose the compare source and target and click on the Next >> button, the index begins updating. See example below:



The next example contains some errors:

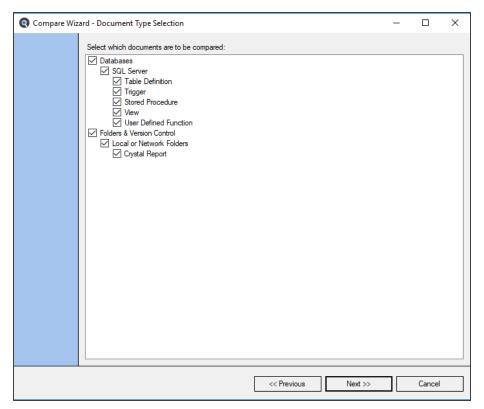


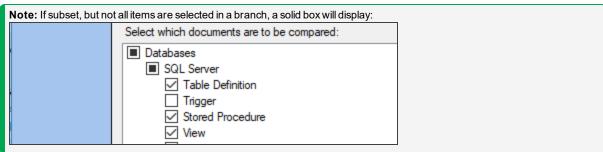
Use the horizontal scroll bar to view details of any errors, then correct and re-run the wizard or ignore any issues if they are not relevant to the documents you intend to compare.

Once the index update is complete, click on the Next >> button to continue.

Select Documents to Compare

After selecting the source and target and then allowing the index to update, you will be prompted to select the types of documents to be compared. You may optionally select a specific subset of individual documents by name. See example below:



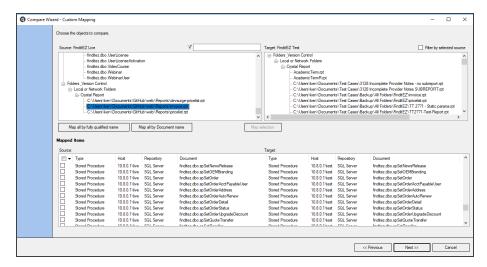


Click to check a category to 'select all' for a category. Or, click on the '+' to expand a document type and click to check the desired documents for comparison.

If you selected the **Compare By Custom** file mapping option on the main **Compare Wizard** dialog, you will be prompted to map each desired source and target document pairing to compare.

There are three custom mapping options:

First, you can "auto map" by fully qualified path & name by clicking on the Map all by fully qualified name button. See example result below:



Note that all **Source** and **Target** documents with identical names that are also located in the same project "relative" paths or the same database type & name have been moved to the **Mapped Items** list. This can be considered a "top down" auto-mapping of documents, including the relative path names to find matches between source and target project settings.

Tip: This option is the same automatic mapping as Compare By: Fully Qualified Name on the main Compare Wizard dialog window. However, by choosing the Custom mapping selection on the first step allows you to also add or remove individual "mapped items" if desired to further refine your Source and Target documents on this Custom Mapping dialog.

Second, you can "auto map" by document name by clicking on the Map all by Document name button.

Note that all **Source** and **Target** documents with identical names (including document type / extension) have been moved to the **Mapped Items** list. The order in which source and target documents are selected is based on the order in which source and target items were indexed. This can be considered a "bottom up" auto-mapping of documents, using the document names themselves as the primary key to locate matches between source and target project items.

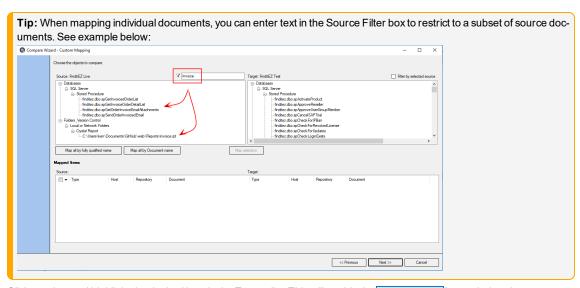
Tip: This option is the same automatic mapping as **Compare By: Document Name** on the main **Compare Wizard** dialog window. However, by choosing the **Custom** mapping selection on the first step allows you to also add or remove individual "mapped items" if desired to further refine your **source** and **target** documents on this **Custom Mapping** dialog.

Note: Document mapping by name will allow you to quickly auto-map files or database objects with the same name, but stored in different database types, database names or paths in the case of files. However, you must restrict your **Source** and **Tar**-**get** configuration settings (file paths and databases, etc.) to optimize this auto-matching process by minimizing the possibility of duplicate documents in either **Source** or **Target** projects or search results being compared.

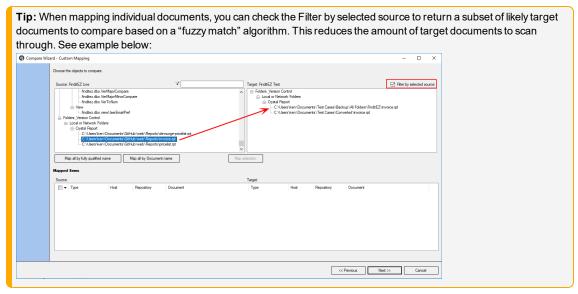
Third, you can select an individual source and target file to "map" for comparison of contents, as follows:

Note: This allows you to compare two files in different source & target paths or two files of different type or name, etc.

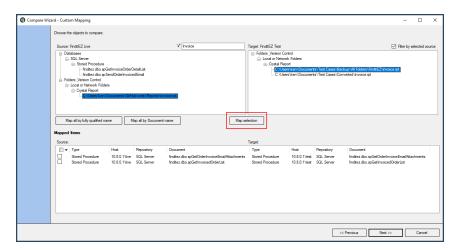
1. Click to select and highlight the desired item in the Source list.



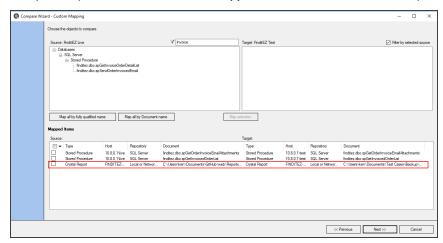
2. Click to select and highlight the desired item in the **Target** list. This will enable the **Map selection** button below the **Source** and **Target** list boxes.



3. Click on the Map selection button. See example below:



4. As each document from the **Source** and **Target** lists are included in a mapping pair for comparison, they are removed from the top two respective lists, and added to the **Mapped Items** list at the bottom. See example below:

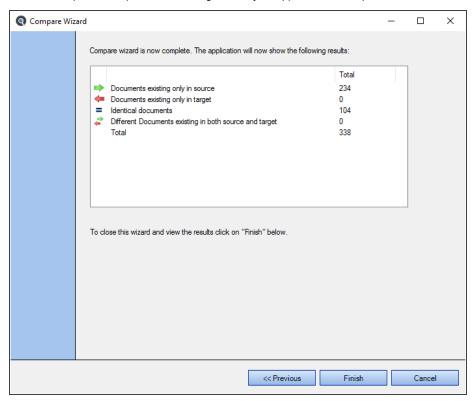


Note: Once one or more documents are "mapped" to be compared, there is a context menu on the left that allows you to select and remove one or more mapped documents. Click on the down arrow to view. See example below: Mapped Items Source: Host Type Docume Select C:\User C:\User: all C:\User: none C:\User Remove all checked C:\User CLEARTE... Crystal Report C:\User CLEADTE CALL

5. After mapping all document pairs to be compare, click on the Next >> button to continue. This takes you to the Compare Wizard summary dialog.

View Compare Results Summary

Once the compare is complete, the following summary will appear. See example below:



To close the **Compare Wizard** and view the results in the **Results** window, click on the **Finish** button.

See Also:

- "File Locations and Source Settings" on page 74
- "Use Pre-Indexed Documents" on page 164
- · "View Compare Results Detail" on the facing page

Compare Files, Reports, and Databases

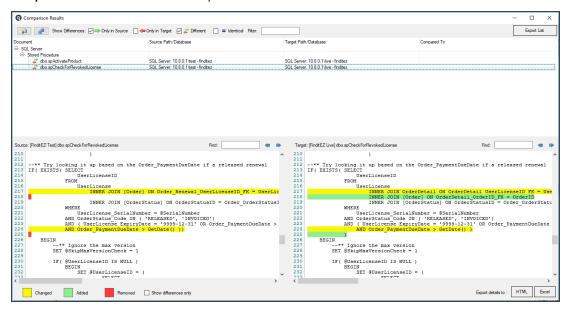
This section provides step-by-step instructions required to start a new or modify a comparison process, how to show differences, filter / search / export compare results, drill down to view highlighted document differences, expand / collapse compare results, search for text in source or target documents and copy or print comparison result details.

Comparing database schema, report files, programming language code files, or documents is an effective way to quickly pinpoint differences / changes between environments or releases. This is particularly effective when assessing the impact of changes to a vendor supplied new release by simply comparing your current production environment to the new release deployed to a staging

environment, for example. Compare identifies all files or database objects with differences and includes the ability to drill down and view these differences with side-by-side colour highlighting of line-by-line contents.

View Compare Results Detail

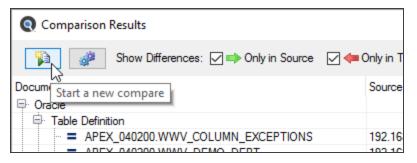
After completing a comparison using the **Compare Wizard** and viewing the results summary, click on the **Finish** button to view the **Comparison Results** window. See example below:



Start New Compare

Alert: The following procedures will remove all compare results. Export or save any details you wish to keep before starting a new compare.

To start a new comparison, you may either use the **Compare** menu or click on the **button** located in the upper, left corner of the **Comparison Results** window.

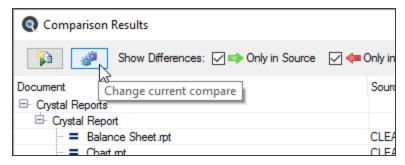


You will be returned to the beginning of the Compare Wizard to start a new comparison.

Modify Current Compare

If you wish to simply change the set of files that were included in your latest set of comparison results, you can quickly do so by restarting mid-way through the Compare Wizard. To do so, in the upper, left corner of the **Comparison Results** window, click on the





You will be returned to the **Compare Wizard** document selection dialog window to allow you to change the set of documents you want to compare.

Filter Compare Results List

At the top of the **Comparison Results** window, there are a number of **Show Differences** view filters available. See below:



Once a compare wizard has been completed, a list of results are presented on the **Comparison Results** dialog with the screen split into a summarized list view on top, and a detail view displayed on the bottom whenever a list item is selected. The results are grouped by document and document type within the list view. To expand or collapse a result group, click on the '+' or '-' button, respectively.

Click on any item in the list to drill down and view content of the item in the "diff viewer" below. You may locate an item within the list by using two available list filter options:

Click to check the desired check-box to view that selection. The first three filters are checked by default. Click to un-check any as desired:

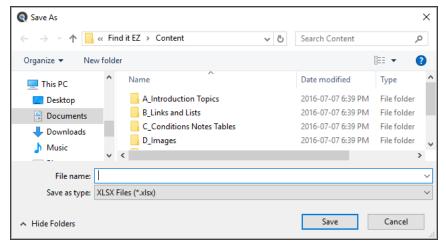
- 1. Click to check the desired check-box to view that list of corresponding documents following the **Source** vs **Target** comparison. The first three filters are checked by default. Click to un-check or check any as desired:
 - Only in Source No corresponding file or database object exists in the Target project, indicating
 an item has only been added in the Source project or has been removed / is missing from the Target project.
 - Only in Target No corresponding file or database object exists in the Source project, indicating
 an item has been removed or is missing from the Source project ... or has only been added to the Target
 project.
 - Different list of files or database objects that contain differences within their content. Indicates that this set
 of files have changed when comparing Source to Target project copies.
 - Identical list of files or database objects that contain NO differences within their content. Indicates that this
 set of files have NOT changed when comparing Source to Target project copies.
- 2. As you type text into the Filter text box, the displayed list items are automatically restricted to show documents that

contain the text within the file or database object name. For example, you may type the text "Customer" to only list a subset of items containing the word "Customer" within the file or database object name.

Tip: Use of these filters is also applied to restrict the items included in an export list.

Export Compare Results List

- 1. Use the list check boxes to filter the list of documents you would like to export. Only selected (checked) items will be included.
- 2. At the top of the Comparison Results window, locate and click on the Export List button. A Save As dialog will appear.



- 3. Enter a File name.
- 4. Click on the Save button.

Note: The list will be saved in *.xlsx file format.

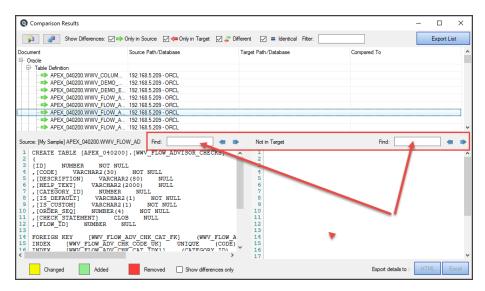
- 5. The saved list will open automatically with the selected viewer / editor.
- 6. The following data will be included in the exported file:
 - · Source, Target, and Date Compared a summary of when and what set of documents were compared.
 - Comparison Results for each document included in the exported set, this will indicate one of four possible results: the file was found in the source set only, target set only, found in both and had differences, or contents were identical.
 - · Source Document Type
 - Source Host
 - · Source File Path or Database
 - Source Document
 - Target Document Type
 - Target Host
 - Target File Path or Database
 - Target Document
- 7. Save the file as desired.

Work with Compare Wizard Details

When a list item containing differences is selected from the list above, the actual lines and type of differences that exist between the source and target content are highlighted using the appropriate colour. The side-by-side differences viewer will auto-scroll both source and target contents to show changes between the two documents in full context.

To eliminate the need to scroll through the entire content of documents and show lines with differences only, simply click to check the **Show differences only** check-box.

Tip: Use of the **Show difference only** filter is also applied to restrict the items included when exporting details to an XSLS or HTML document.



At the bottom of the Comparison Results window, there is a result status colour key. See below:



Differences between the source and target content are highlighted in the above colours.

To show differences only, click to check the **Show differences only** check-box.

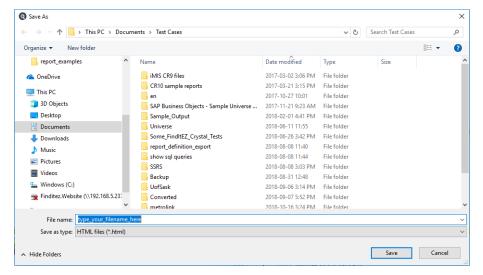
To search for specific text within either the source or target viewer:

- 1. At the top of the **Source** or **Target** window, locate the **Find** text box.
- 2. Enter the desired filter / search text into the text box.
- 3. Click on the right arrow button to find next or the left arrow button to find previous. Content matching your search criteria will be highlighted in purple.
- 4. Repeat to view all instances matching your search criteria.

Export Compare Details

You may export the color highlighted contents of the side-by-side differences viewer to ether an HTML or XLSX file format.

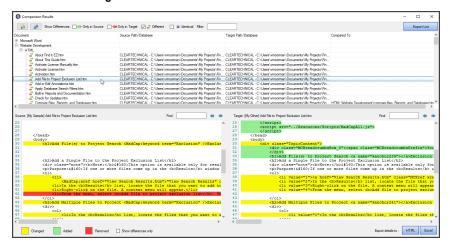
At the bottom right of the **Comparison Results** window, locate and click on either the **HTML** or **Excel** button. Highlighted Source and Target side-by-side details will open in the selected Windows default editor. Save as desired.



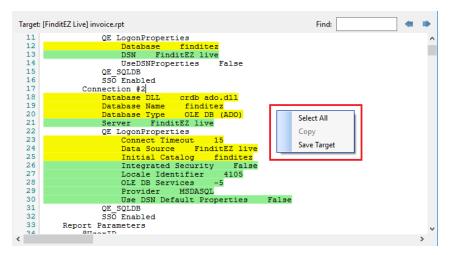
Copy, Save or Print Compare Result Details

Select All Source or Target Compare Results

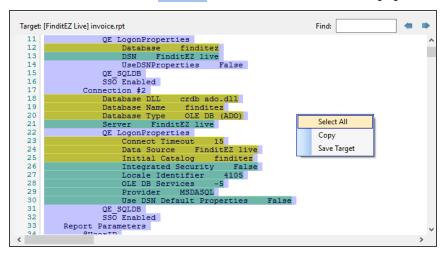
1. In the compare results list at the top, click to highlight the document for which you want to view details. Details will appear in the **Source** and **Target** boxes at the bottom.



2. Left-click anywhere within the **Source** or **Target** box and press the **Ctrl**)+(A) keys on your keyboard, or right-click on the either **Source** or **Target** compare result details and a context menu will appear.



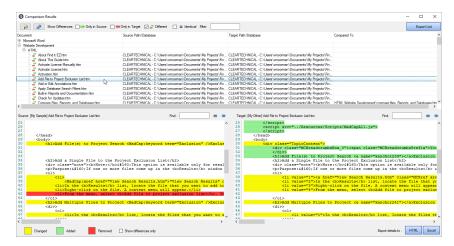
3. From the context menu, choose Select All . All details in the current box will be highlighted.



4. Press the (Ctrl)+(C) keys on your keyboard or right click again anywhere on the highlighted text and from the context menu, select Copy. All selected Source or Target text will be copied to the clipboard.

Copy Source or Target Compare Results

1. In the compare results list at the top, click to highlight the document for which you want to view details. Details will appear in the **Source** and **Target** boxes at the bottom.



2. In the Source or Target box, select the text you want to copy.

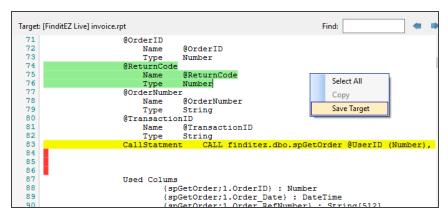
```
UNIQUE
IK CODE UK]
                           (CODE)
KCAT IDX1]
                 (CATEGORY ID)
          UNIQUE
IK PK]
                     (ID)
1]
       CHECK
                  [CODE] IS NOT NULL
[2]
       CHECK
                  [IS DEFAULT] IS NOT NULL
13]
       CHECK
                  [IS CUSTOM] IS NOT NULL
41
                  [ORDER SEQ] IS NOT NULL
       CHECK
ADV CHK CODE CK]
                     CHECK
                                upper (code)
ADV CHK IS DEFAULT CK)
                           CHECK
                                      is de:
```

3. Press the (Ctrl)+(C) keys on your keyboard or right-click anywhere on the highlighted text. A context menu will appear.

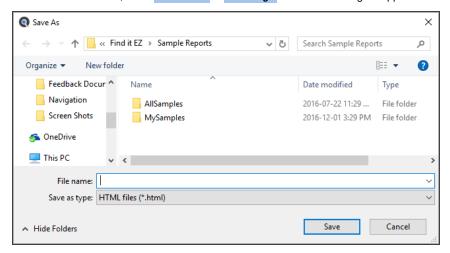
4. From the context menu, select **Copy**. All highlighted text will be copied to the clipboard.

Save or Print Source or Target Compare Results

- 1. In the compare results list at the top, click to highlight the document for which you want to view details. Details will appear in the **Source** and **Target** boxes at the bottom.
- 2. In the Source or Target box, right-click on the compare result details. A context menu will appear.



3. From the context menu, select Save Source or Save Target. A Save As dialog will appear.



- 4. Enter a **File name** and click on the **Save** button to save the document with color-coded differences by line. The document will open in a new browser tab.
- 5. To print the color highlighted document contents; press the Ctrl + Pkeys on your keyboard or use the Print menu or icon within your default browser.

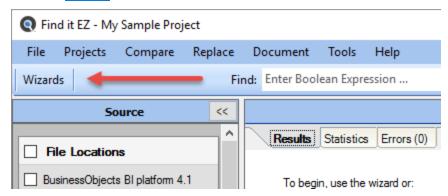
Document Wizards

This section takes you through each step required to use the Document Wizards: launch the wizards (two ways), create or select a project, select file types to include, select file location(s), enter connection information, select recurrence and what to include, and choose report options and export report.

Launch a Document Wizard

The **DOCUMENT** Wizards can be launched via the **Wizards** button or via the main menu. See below:

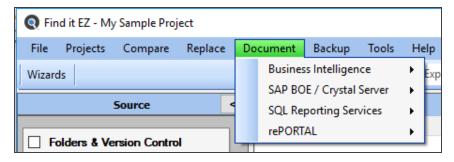
- 1. Launch a **DOCUMENT** wizard via the **Wizards** button:
 - a. Click on the Wizards button in the search bar. See below:



- b. Click to choose one of the following **DOCUMENT** Wizard options:
 - Extract database objects (tables, stored procedures, views, etc.) used in my reports
 - · Generate detailed content documentation for my reports
 - · Extract all SQL code used in my reports
 - · Create a database cross-reference for my reports
 - Create a list of all my reports, including printer and update information
 - · Create a list of all my schedules inside Business Intelligence server
 - · List the security for my documents inside a Business Intelligence server
 - · List all users and their security groups inside a Business Intelligence server

OR

2. Launch a **DOCUMENT** Wizard via the Find it EZ menu:

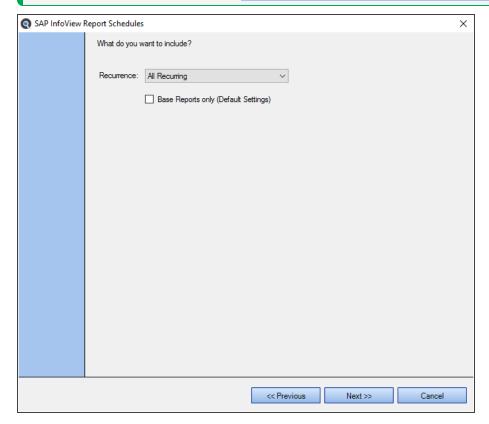


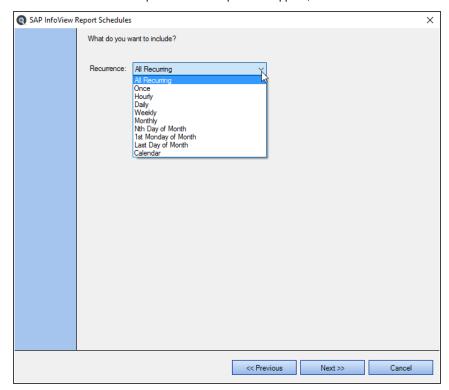
- Select Reports -> Business Intelligence -> [Any Option]
- Select Document -> SAP BOE / Crystal Server -> [Any Option]
- Select Document -> SQL Reporting Services -> [Any Option]
- Select Document -> rePORTAL -> [Any Option]
- 3. Click on the Next >> button to continue.
- 4. The selected **DOCUMENT** Wizard will open.

Note: The following example is the **DOCUMENT** Wizard for an SAP BI Platform schedule listing, which is only available in our Dev Surge 365 product edition. However, most of the steps and dialog boxes presented in this example are virtually identical for the other Document Wizard options.

Select Recurrence and What to Include

Note: The recurrence dialog is only selected for the SAP BI Platforms schedule listing option of the **DOCUMENT** Wizards; (which can also be accessed from the menu via **Document -> SAP BOE / Crystal Server -> Report Schedules**).





1. Click on the **Recurrence** drop-down. A list of options will appear, as below:

These are items that match up to selections in the SAP BI Platform repository schedule frequency options.

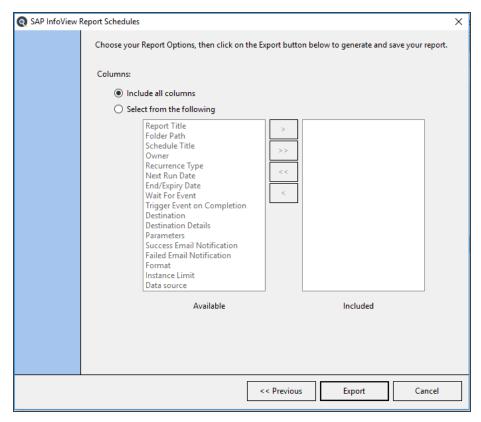
- 2. Click to select the desired recurrence.
- 3. If you want to show the default settings, click to check the Base Reports only check-box.

Note: Crystal reports has "Default Settings" and "Per Instance Settings." Default settings belong to the report itself (the base report) and then each time you schedule a report you can give the report its own schedule / settings. This allows you to just return the defaults as you may have a large number of one-time scheduled reports that will never be run again.

4. To continue, click on the Next >> button.

Choose Report Options and Export Report

The following dialog is used with the **Export Wizard**. See example below:



- 1. In the Columns section, choose to Include all columns or to Select from the following.
- 2. IF the second option is chosen:
 - a. In the **Available** list, click to select the report column you want to include, then click on the **>** button to move the selected column to the **Included** list.
 - b. To move all columns from the **Available** list to the **Included** list, click on the ->-> button.
 - c. To remove all columns from the **Included** list, click on the << button.
 - d. To remove a single column from the **Included** list, click to select the report column you want to remove, then click on the button.
- 3. Once complete, click on the Export button to generate and save your report. The Searching dialog will appear.

See Also:

- "Reporting Tools" on page 238
- "Create a Database Cross-Reference List" on page 238

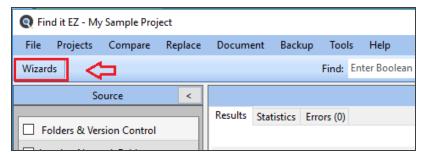
Replace Wizards

This section takes you through each step required to use the REPLACE Wizards: launch the wizard (two ways), select where to look for reports, enter connection information, select report destination folder, select report tables to change, choose new connection type, and confirm information and convert.

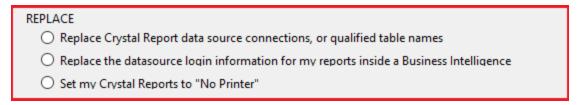
Launch the Replace Wizards

The REPLACE Wizards can be launched via the **Wizards** button or via the menu. See below:

- 1. Launch a REPLACE Wizard via the **Wizards** button:
 - a. Click on the Wizards button in the main application window.

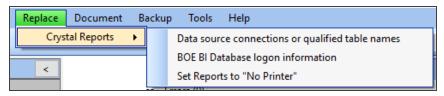


b. Click to choose the following **REPLACE** wizard option:



OR

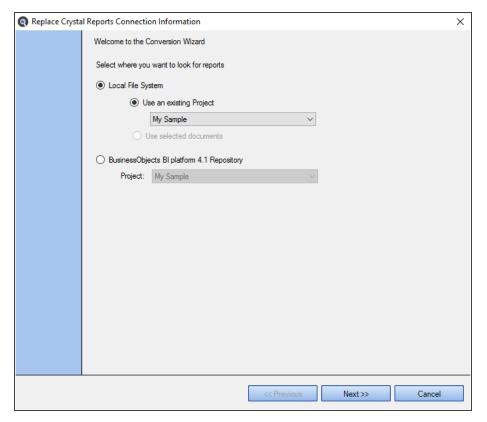
2. Launch a **REPLACE** wizard via the Find it EZ **Replace** menu:



3. The selected REPLACE Wizard will open.

Select Where to Look for Reports

Below is an example of the "change Crystal Reports Datasource connections" replace wizard.

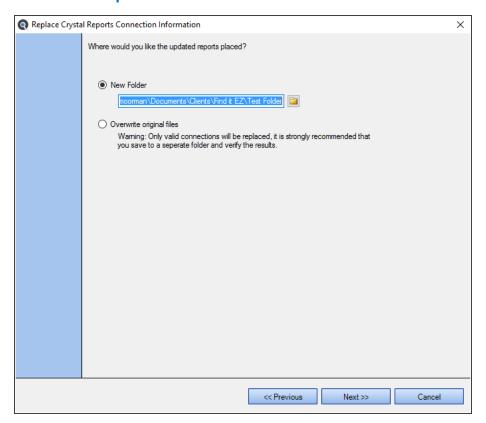


- 1. Select where you want to look for reports:
 - a. Choose Local File System.

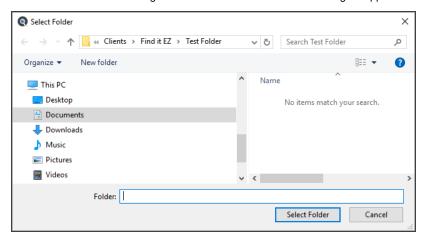
OR

- b. Choose BusinessObjects BI Platform 41 Repository.
- 2. Click on the corresponding project drop-down list and select the desired project.
- 3. If you have one or more search results selected, click to choose the **Use selected documents** option. This is a way of running the report with only a subset of items based on your last search.
- 4. To continue, click on the Next >> button.

Select Report Destination Folder



- 1. To place the updated reports in a new folder, click to choose the **New Folder** option.
 - a. Click on the folder icon to the right of the text field. A **Select Folder** dialog will appear.



- b. Create or navigate to and select the desired folder.
- c. Click on the Select Folder button. The selected folder path will now appear in the text field.

OR

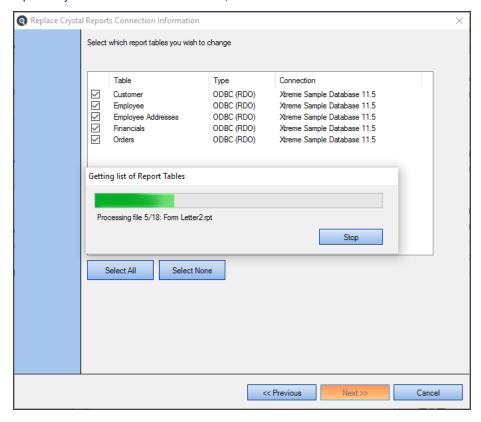
2. To overwrite the original files, click to choose the Overwrite original files option.

Alert: All converted files are written to a single pre-existing target folder. The sub-folder structure from the selected source documents are not created in the target destination output path selected. If duplicate filenames exist in sub-folders, the files will be over-written with the last copy converted. This is a known limitation with an enhancement planned to auto re-create the source folder paths. As a temporary work-around, it is recommended that you convert only a single folder of documents at a time.

3. To continue, click on the Next >> button.

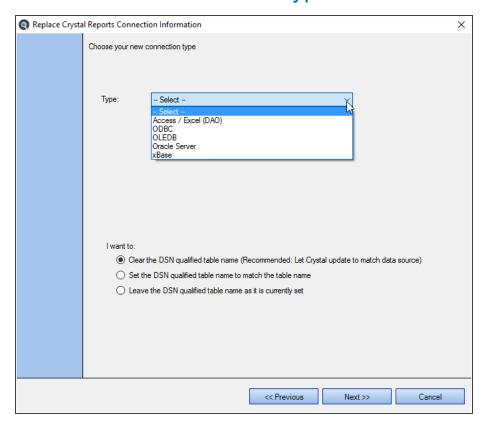
Select Report Tables to Change

FinditEZ allows replacement of multiple or a subset of database connections that may exist within each report file. You may choose to replace only a subset of database connections, or all of them at once.

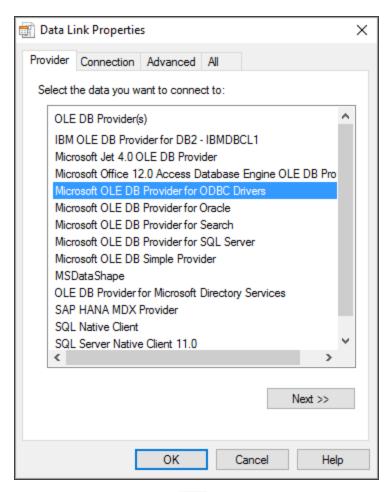


- 1. A list of report tables from the selected location will load. See example above:
- 2. To stop Find it EZ from loading report tables, click on the Stop button.
- 3. For each report table to want to change, click to check the preceding check-box. Note that all report tables in the selected location are selected by default.
 - To deselect all available report tables, click on the Select None button, then click to check only those you wish to include.
 - b. To select all available report tables, click on the Select All button, then click to uncheck only those you wish to exclude.
- 4. To continue, click on the Next >> button.

Choose New Connection Type

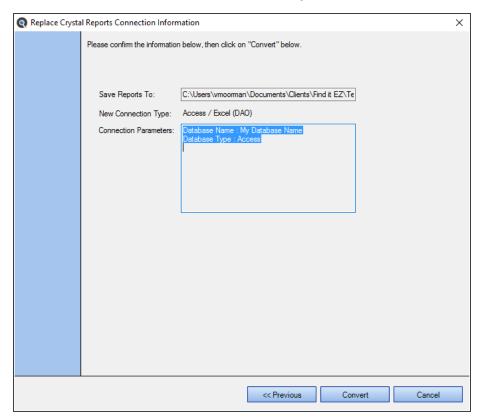


- 1. Select the new connection type:
 - a. Click on the Type field to view a list of connection types.
 - b. Click to select the desired connection type.
- 2. Enter and/or select connection parameters:
 - a. For Access / Excel (DAO) and xBase, click on the folder icon and navigate to and open the desired folder.
 - b. For ODBC, select the ODBC DSN and enter the Username and Password.
 - c. For OLEDB, Configure OLE (via Data Link Properties) and enter the Username and Password.
 - Click on the Configure OLE button. The Data Link Properties dialog will appear. This dialog is opened by default.

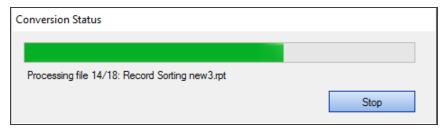


- ii. Select the **Provider** and click on the **Next** button.
- iii. Enter Connection parameters and click on the Test Connection button.
- iv. Enter any further required details (depending upon the selected **Provider**).
- v. Click on the **OK** button.
- d. For Oracle Server, enter the Service, Username, and Password.
- 3. Tell Find it EZ what you want to do:
 - a. In the ${\bf I}$ want to section, click to choose the desired option.
- 4. To continue, click on the Next >> button.

Confirm Information and Replace



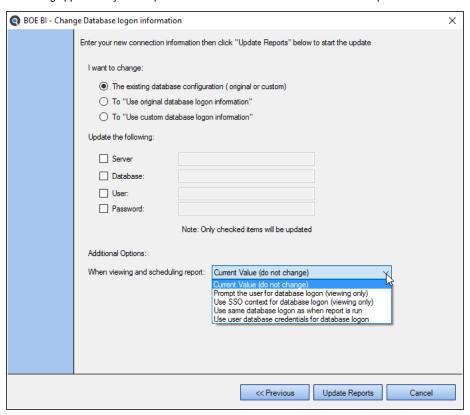
- 1. Review the following information:
 - · Save Reports To
 - New Connection Type
 - · Connection Parameters
- 2. If changes are required, click on the << Previous button. Click the button again to return to previous steps.
- 3. If the information is correct, click on the Convert button. A Conversion Status notification will appear. See example below:



- 4. To stop the conversion, click on the **Stop** button.
- Once the conversion is complete, Microsoft Excel will launch and open a Conversion Results spreadsheet containing a detailed Conversion Log.

Enter New Connection Information and Update Reports

This dialog appears only when option 10 is selected from the Wizards. See example below:



- 1. In the I want to change section, click to choose the desired option.
- 2. In the Update the following section:
 - a. Click to select (i.e. check) each item that you want to update.
 - b. For each selected item, enter the new connection information in the corresponding text box.

Note: Only checked items will be updated.

- 3. In the Additional Options section:
 - a. Click on the down arrow to view the drop-down list.
 - b. Select the desired option from the list.
- 4. To start the update, click on the Update Reports button.

Perform a Regular Search

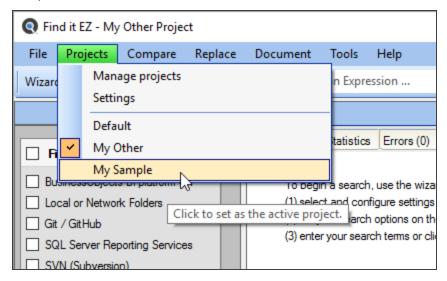
A regular search is performed without the use of the **Search Wizard**. Search settings are applied 'manually' and the search is initiated from the Search Bar.



In addition to using the **Search Wizard**, you can run a regular search as follows:

Select a Project

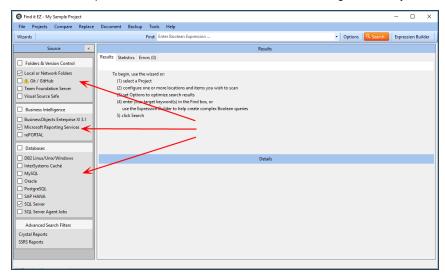
1. From the Find it EZ menu, select **Projects**. The currently active project appears preceded by a check mark, as in the example below:



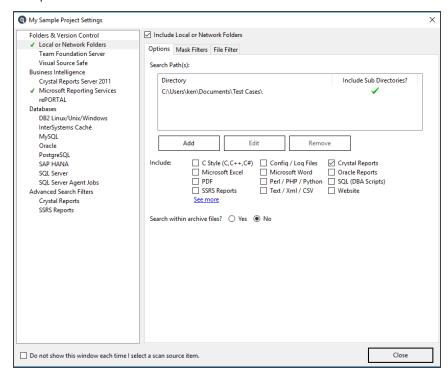
2. Select the name of the project for which you want to perform a search. The selected project name will appear in the Find it EZ window title bar (as above).

Configure Source Location(s)

1. From the **Source** panel on the left, select the source locations containing documents you want to search:

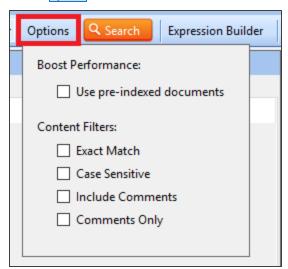


- a. Click on a source item. A [Project Name] Project Settings dialog will appear, showing advanced configuration settings for the selected source location. See example to follow.
- b. Configure settings, as required.
- 2. Example search Local or Network Folders:



Set Search Options

Click the Options button on the search bar, select the desired Content Filters to minimize false-positive search results.



Note: Default search Options are: Use Pre-Indexed documents = off / unchecked, Content Filters = None. Your preferred search and indexing options can be changed 'on program start-up' or during 'new wizard tasks' to use this default or to remember your last used settings.

Tip: For better search performance, click to check the Use pre-indexed documents. This will use the last indexed document content and therefore will not refresh content with latest updates. Use this filter if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

Boolean with Wildcards Search Expressions

Search expressions syntax is boolean with wildcards. This allows you to search for field $\{A\}$ OR $\{B\}$, $\{\{A\}$ AND $\{B\}\}$ OR $\{C\}$, etc. Note that curly brackets are delimiters for words and strings between boolean operators. The wildcard character is an asterisk (*). For example, if you search for "User*," the system will only find matches on items that start with the text "User."

Because of the way the search expression engine is setup, there are a few limitations:

Wildcard is "stopped" on a white space boundary (i.e. If the text in the document is "UserName likes seafood" and you use
the search expression string "User*food" it will not find a match on this set of words separated by spaces. However searching for "{User*} AND {*food}" will match on the first word and third word on in the same document. If it was "UserName.likes_seafood" then "User*food" will match on the single concatenated word (individual terms joined by special
characters to form a single word).

Exact Match Filter

When the Exact Match setting is turned on in **Content Filters**, the result must be found between a white space boundary (these include spaces, tabs, periods, special characters and line feeds for strings). This is normally used to find a single, exact word match.

Note: Exact match is case insensitive

Use Pre-Indexed Documents

This filter is located on the **Options** buton menu; in the **Boost Performance** section. Click to check the check-box to apply this filter.

For better search performance, this filter will use the last indexed document content and therefore will not refresh content with latest updates. This is not an issue if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

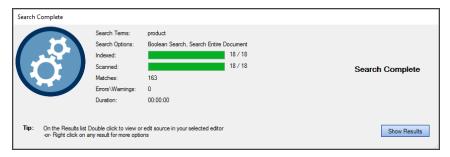
Enter Target Keyword(s)

On the search bar (see image below), enter the desired search text into the Find text box.

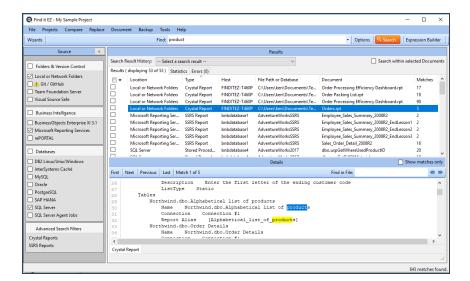


Start Your Search

- 1. To initiate the search, click on the Search button. A Searching window will appear, showing the status of the search.
- 2. Once complete, the **Search Complete** dialog box will appear, as in the example below:



3. Click on the **Show Results** button. A list of results matching your search criteria will appear in the **Results** frame.

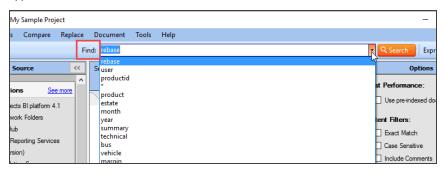


Note: After performing a search, settings can be saved to a Project for later use again.

View Search History

Search history can be viewed from the search bar. To view search history:

 Click on the down arrow button located on the right of the Find field. A drop-down list of previous search expressions will appear.



Note: This history is limited to 26 items and is preserved between program sessions. New search terms are added 'top down.' When the list exceeds 26 items, the bottom item drops off.

2. Click to select the desired search expression.

See Also:

- "Local or Network Folders" on page 76
- "Repositories" on page 87
- · "Databases" on page 94
- "Programs" on page 108

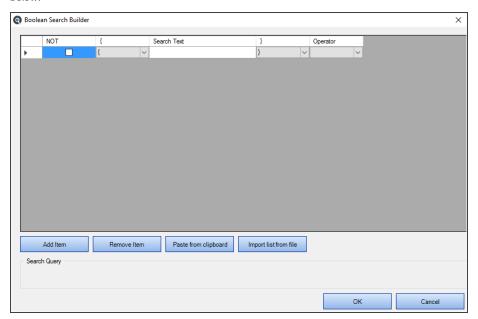
- "Documents" on page 112
- "BI Reports" on page 105
- "Wizards Overview" on page 117
- "Projects" on page 70
- "Set User Options" on page 51
- "Use the Expression Builder" on the facing page
- "Work With Search Results" on page 177
- "Clear Expressions History" on page 63
- "View Search Result History" on page 177

Use the Expression Builder

This section provides instructions to perform a search using the **Boolean Search Builder**, building a search query, reviewing example Boolean expressions, and creating a valid Boolean expression using Find it EZ custom Boolean syntax.

Open Boolean Search Builder

To launch the **Boolean Search Builder**, click on the **Expression Builder** button located on the right side of the search bar. See below:



Build Search Query

- 1. Click on the Expression Builder button to launch the Boolean Search Builder. A blank search query item is added.
- 2. To apply NOT to the current search query, click to check the corresponding NOT check-box.
- 3. Select the required number of curly brackets from the left curly bracket drop-down list.
- 4. Enter the desired search text into the Search Text text box.
- 5. Select the required number of curly brackets from the right curly bracket drop-down list.
- 6. Select the desired Boolean operator (AND or OR) from the Operator drop-down list.

Find it EZ Custom Boolean Syntax

Find it EZ uses custom syntax so that items are recognized as Boolean operators rather than search text.

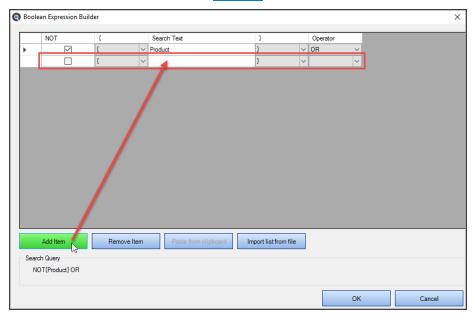
For example, to have the Boolean operator "AND" be recognized, you must enclose the search terms in curly brackets, e.g. {this} AND {that}. The use of curly brackets is special syntax to our software. The **Boolean Search Builder** wizard helps with this for building / managing complex expressions, especially for first time users.

Example Boolean Expressions

For Search Syntax Examples including Boolean and Wildcard, visit: https://www.finditez.com/support/#syntax.

Add New Search Query Item

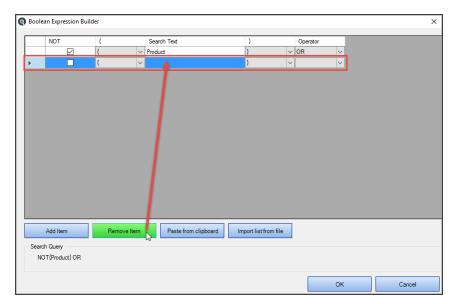
To add a new search query item, click on the Add Item button. A new, blank search query item line will be added.



Remove Search Query Item

1. To remove a search query item, click on the right arrow button preceding the row to select the item.

Note: You must click on the right arrow, and delete individual rows, one at a time.



2. Click on the Remove Item button. The selected item will be removed from the search query.

Paste Search Query Item From Clipboard

To copy a search query item to the clipboard:

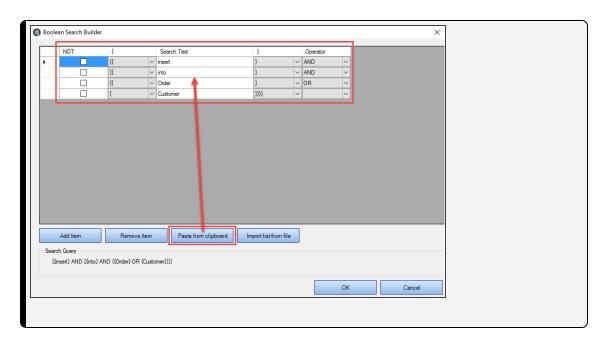
- 1. Locate the desired search h query item text within any file or window on your system.
- 2. Highlight the desired text.
- 3. Press the (Ctrl)+(C) keys on your keyboard. The selected text will be copied to the clipboard.

To paste the copied search query item into a search query:

1. Click on the Paste from clipboard button. A search query item line will be created for each instance of search text and the correct curly brackets and operators will be applied. See example below:

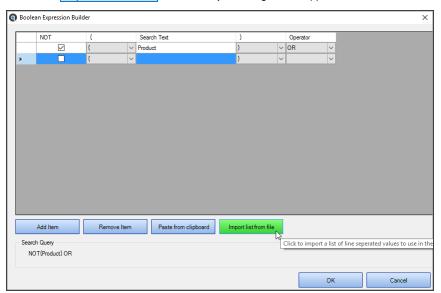
Example:

Copied search query item: {insert} and {{into} AND {{Order} OR {Customer}}} Resulting search query in Boolean Search Builder:



Import Search Query Values From File

1. Click on the Import list from file button. An Open dialog box will appear.



 $2. \quad \text{Navigate to and select the file containing the list of line separated values to use in the query.} \\$

Note: Accepted file types include *.txt and *.csv.

- 3. Click on the Open button. A search query item line will be created for each instance of search text.
- 4. Apply NOT, curly brackets to control order of expression evaluation, and operators (AND / OR) as required.

View Search Query Details

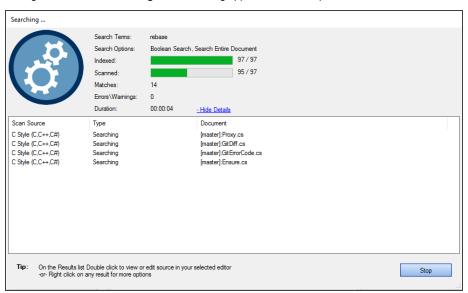
As you are building your search query using the **Boolean Search Builder**, note that the entire search expression is shown in the **Search Query** box at the bottom of the dialog box.

Apply Boolean Expression to Search

- 1. To apply the Boolean expression to your search, click on the **OK** button. The search query will be entered into the **Find** text box located on the search bar.
- 2. To launch the search, click on the Search button.

Searching Window

During a search, the **Searching** ... status dialog appears. See example below:



Refer to the table below for a description of each data element:

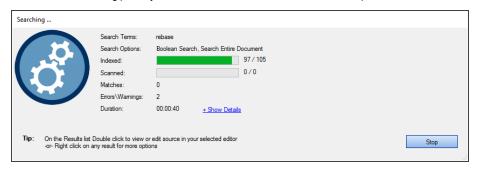
Searching Data Ele- ment	Description
Search Terms	This is the search expression entered into the Find text box located on the Search Bar.
Search Options	This is a summary of the current Search Type and Content Filters settings on the Options panel.
Indexed	This shows a visual progress display and current count of the total number of documents indexed vs the total number of documents available in the selected sources on the Source panel.
Scanned	This shows a visual progress display and current count of the total number of indexed documents (above) that have been scanned for the current search criteria (i.e. Search Terms).
Matches	This is the total number of instances where the current search expression has been found in the source documents.
Errors / Warnings	This is the total number of errors or warnings that have been generated while connecting and/or scanning the source documents for search criteria matches. Once the search is complete, these can be viewed in the Results window by clicking on the Errors tab (click on an error row to view details).
Duration	This is the elapsed time used to index and scan the selected source documents
Status Table	This is the current Source , (Document) Type or Processing Status , and Document (Name) being scanned for matches.

Multitask While Searching

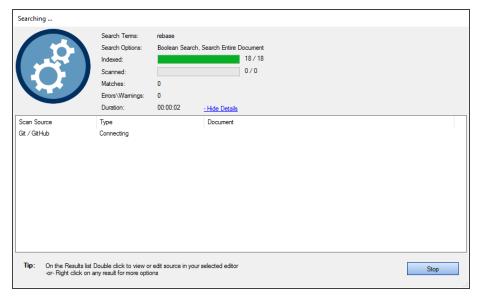
Once a search is launched, you can continue working on other programs while Find it EZ runs unattended in the back-ground. While a search is running, you can not minimize the Find it EZ program or use any other window in Find it EZ as the search dialog box keeps focus until completed or cancelled. However, Find it EZ will go to the background on your desktop if you launch another program (e.g. Word, a browser, Visual Studio, etc.).

Hide or Show Searching Details

While a search is taking place, you can view or hide search details. See examples below:



Click on the + Show Details link to expand the table showing Source, (Document) Type or Processing Status, and Document (Name). See example below:

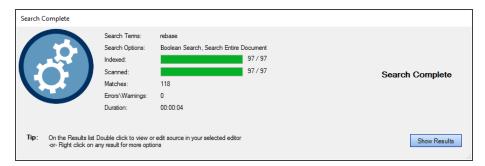


To hide details, click on the - Hide Details link.

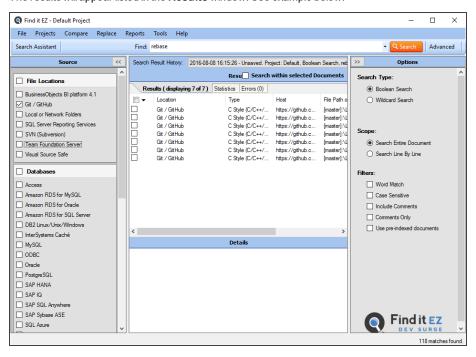
Show Search Results

Once a search is complete, the progress bars will stop advancing and a "Search Complete" notification will appear (see example below).

To view results, click on the Show Results button.

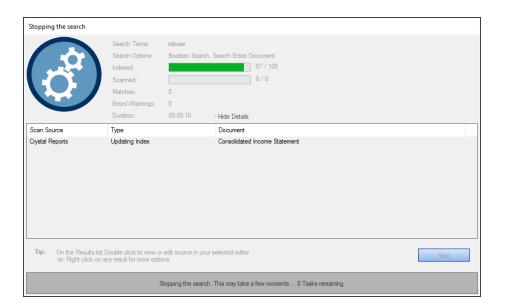


The results will appear listed in the **Results** window. See example below:



Stop Searching

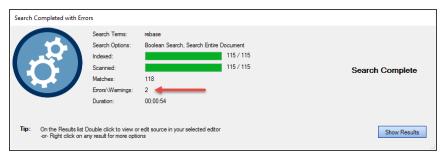
To cancel a search in progress, click on the Stop button. A notification will appear at the bottom of the dialog. See example below:



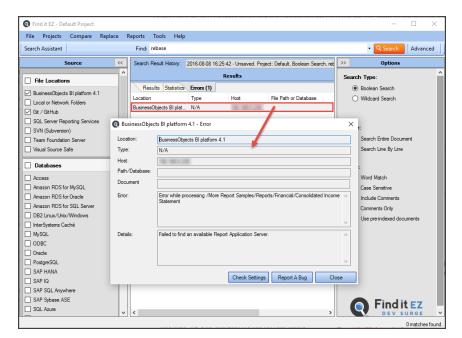
View Search Errors

If a search is complete and the error count is > 0, you can view error details as follows:

1. Note the error count on the **Search Completed with Errors** dialog. See example below:



- 2. Click on the Show Results button.
- 3. In the Results window, click on the Errors tab.
- 4. Locate the error for which you want to view details and double-click on the row. Or, right-click and select View Error from the context menu. An error details dialog will appear. See example below:



- 5. Review details of the error.
- 6. To check your project settings, click on the **Check Settings** button.
- 7. To report a bug, click on the Report A Bug button.
- 8. To close the error details dialog, click on the Close button.

See Also:

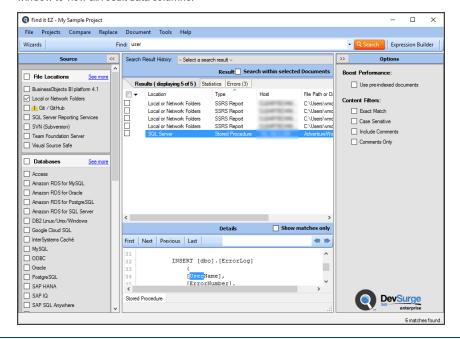
- "Work With Search Results" on the facing page
- "File Locations and Source Settings" on page 74
- "Find it EZ Support" on page 269

Work With Search Results

This section describes the procedures required to view search results, statistics, and errors; to search within documents, to view search result details; and to save, open, copy, modify, export, and print search results.

View Search Results

- 1. Perform a search.
- 2. Results matching your search criteria will be shown in the **Results** window. Use the horizontal scroll bar located below the window to view all result data columns.



See Also:

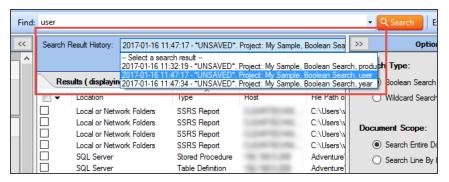
- "Wizards Overview" on page 117
- "Perform a Regular Search" on page 161

View Search Result History

After running several consecutive searches, to view previous (unsaved) search results prior to closing the program:

Note: In order for the **Search Result History** field to appear, you must have completed more than one search since the last time you opened the Find it EZ program. This list of historical results is unlimited, but is automatically cleared when you exit the program.

1. At the top of the **Results** window, click on the **Search Result History** field. A drop-down list will appear, showing a list of unsaved search result records tagged by date and time.

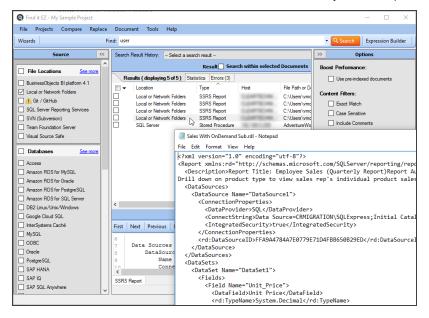


2. Locate and click on the desired search result record. The corresponding search results will appear in the **Results** window and will include any annotations or items marked complete.

View Result Source

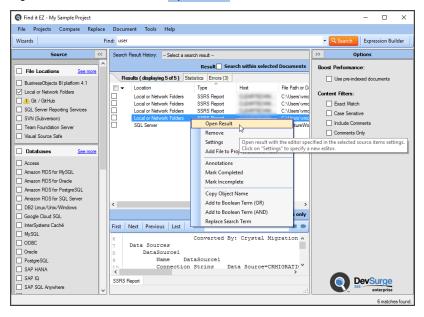
Open Result

- 1. To open the details of a matching search result with either the built-in code viewer or selected default file type editor:
 - a. In the Results window, locate and double-click on the result for which you want to open the source.



OR

b. Right-click on the result and select Open Result from the context menu.



2. The result will open in the preselected viewer / editor depending upon the file type.

See Also:

· "Viewer / Editor Settings" on page 57

Find it EZ Result Viewer

The Find it EZ **Result Viewer** allows you to view the source code for a search result document. This section describes the steps required to open the viewer, change a location or group, navigate search results, find a file, and view or edit the source code in another program.

Open Find it EZ Result Viewer

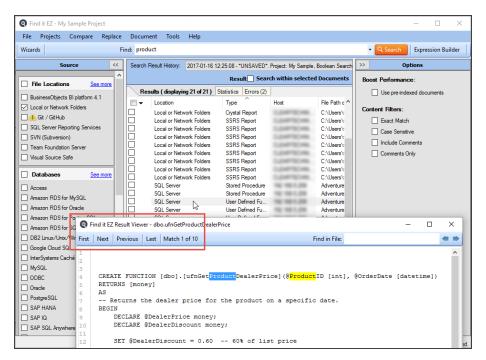
If "Find it EZ Viewer" is selected for the **Opens with**program in "Viewer / Editor Settings" on page 57, then when you "View Result Source" on the previous page, it will appear in the built-in Find it EZ Viewer (see examples to follow). Text matching your search criteria (i.e. matches) is highlighted in yellow within the Find it EZ viewers.

Note: The built-in Find it EZviewer is the default "Opens with" app for all file types. Contents in the viewer are searchable and match the **Details** panel contents in the main Find it EZ dialog. There are three different built-in viewers:

- 1. Text viewer for all source code files, displays highlighted matches content.
- 2. Data viewer for database table data, displays a grid with data in cells (columns and rows). Column headings are the database table fieldnames.

3. Spreadsheet viewer - for Excel documents, displays a grid with cell data, and includes display of cell formula contents. Column headings and row numbers are like Excel (A, B, C ...) and (1, 2, 3 ...) respectively.

Navigate Search Results



To navigate through the matches found in your document, click on the **First, Next, Previous**, or **Last** buttons located at the top left of the viewer. Note that a counter to the right of the buttons keeps track of which match you are viewing; e.g. "Match 7 of 9."

Find in File

To search within the result document:

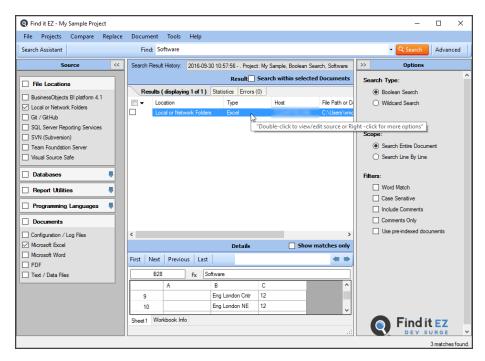
1. Enter the desired search text into the Find in File text box.

- Click on the left arrow (find previous) or right arrow (find next) button. OR, press the Enter key on your keyboard to 'find next.'
- 3. Items matching your search criteria will be highlighted in blue. Click on the right arrow button or press **Enter** to navigate through the matches found.

Documents with Multiple Tabs

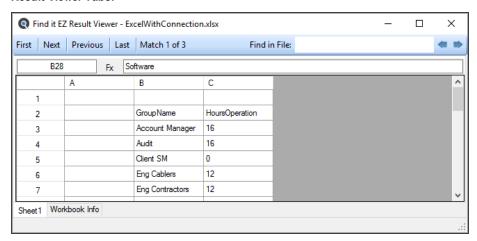
The Find it EZ**Result Viewer** for some documents will contain multiple tabs. For an Excel workbook, there is one tab per worksheet (e.g. **Sheet 1**) plus a tab for workbook details (**Workbook Info**; including database connections, etc.). For other documents, you normally only have a single tab with highlighted code. For SAP Dashboards, this will contain a minimum of 3 tabs: Code viewer (Dashboard code definition) + Excel worksheet + Excel workbook info (connection / author). See example below.

Search, Results, and Details panel:

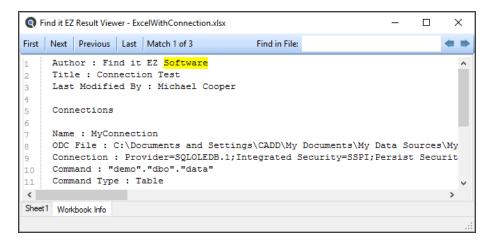


To open the Find it EZ**Result Viewer**, right-click on the workbook in the **Details** panel and select **Open** from the context menu. Or, double-click on the workbook.

Result Viewer Tabs:



Workbook Info tab:

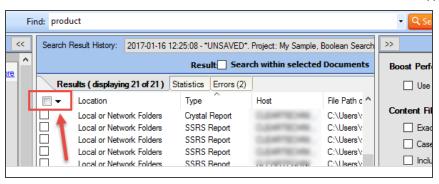


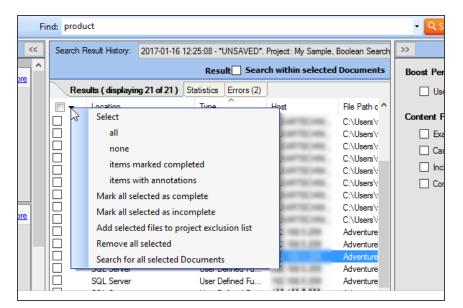
See Also:

- "Viewer / Editor Settings" on page 57
- "View Search Result Details" on page 192

Select All Results or None

1. In the header of the check-box column, click on the down arrow button. A context menu will appear. See below:





2. To select all results:

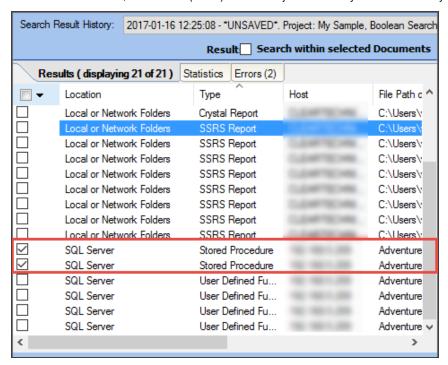
• From the menu, choose Select -> AII . All results will be selected (checked).

3. To deselect all results:

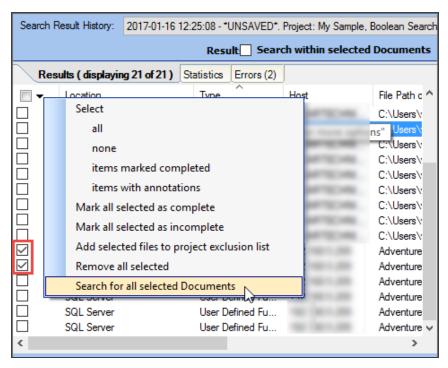
• From the menu, choose Select -> None . All check-boxes will be cleared.

Search for All Selected Objects

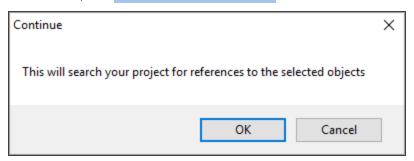
1. In the check-box column, click to select (check) the result objects for which you want to search your project for references.



2. In the header of the check-box column, click on the down arrow button. A context menu will appear.



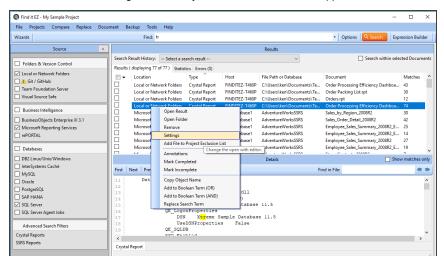
3. From the menu, select Search for all selected Documents . A Continue notification message will appear.



- 4. To launch the search, click on the **OK** button. The search will proceed, and any results will appear in the **Results** window. OR
- 5. To cancel, click on the Cancel button.

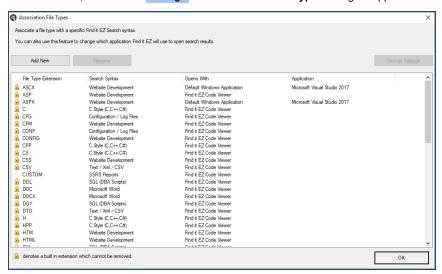
Open Viewer and Editor Settings

To access project settings from the Results window:



1. In the **Results** window, right-click on any result. A context menu will appear.

2. From the menu, click to select **Settings**. The **Associate File Types** dialog will appear.

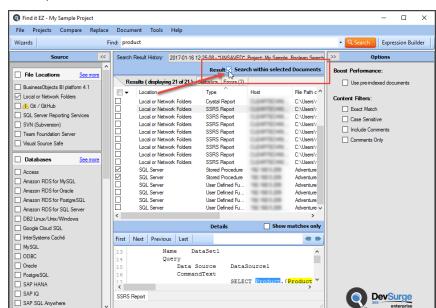


See Also:

• "Viewer / Editor Settings" on page 57

Search Within Result Documents

There are times when an initial search expression will yield results with false-positive matches; or, within which a secondary search for additional terms will pinpoint what you are looking for. To search within only a subset of search result documents:

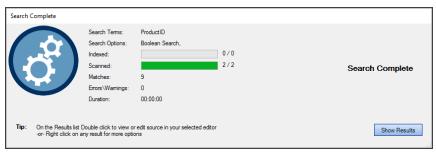


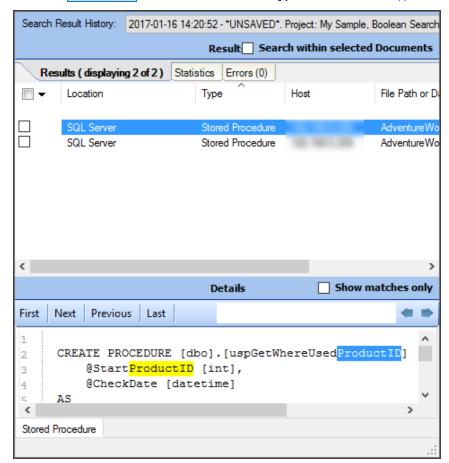
1. At the top of the Results window, click to check the Search within Documents check-box.

2. On the search bar, enter the desired search text into the Find text box.



- 3. Click on the Search button to initiate the search. A Searching dialog box will appear, showing the status of the search.
- ${\bf 4.}\quad {\bf Once\ complete}, the {\bf Search\ Complete}\ dialog\ box\ will\ appear.$





5. Click on the Show Results button. A list of results matching your search criteria will appear in the Results frame.

View Result Statistics

In the **Results** window, click on the **Statistics** tab. Use the horizontal scroll bar located at the bottom of the window to view all data columns; Location, Type, Documents, Matches.

View Result Errors

In the **Results** window, click on the **Errors** tab. Use the horizontal scroll bar located at the bottom of the window to view all data columns; Location, Type, Host, File Path or Database, Document.

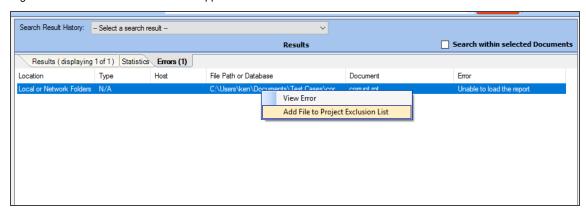
Click on an individual error item for more details. These errors and warnings often provide instructions to resolve the issues logged.

Add an Errant File to the Project Exclusion List

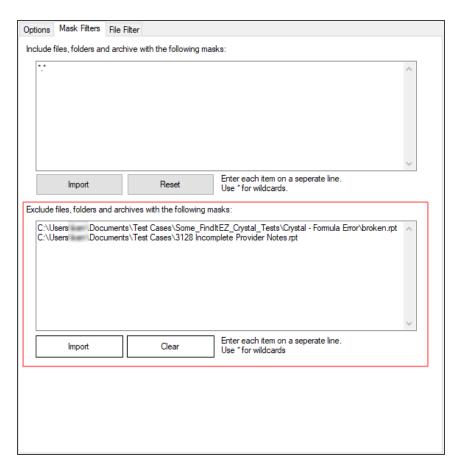
Note: This option is available only for results sourced from Local or Network Folders.

Purpose: If one or more files come up in the **Results** window **Errors** tab list, and (for example) the file is corrupt, can't be opened, or is on the **Results** list and you know you don't want to include this particular file in future search passes for this project's Local or Network Folders files, you can use this option to add it to the project file exclusion list quickly and easily, as follows:

- 1. On the Errors tab list, locate the file that you want to add to the current project's search exclusion list.
- 2. Right-click on the file. A context menu will appear.



From the menu, select Add File to Project Exclusion List. The selected file will be added to the Exclude File(s) / Folder (s) list in Project Settings Mask Filters tab for Local or Network Folders.



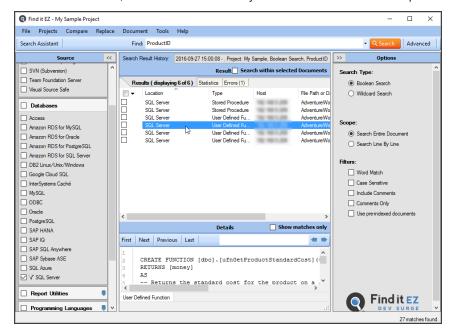
 $4. \quad \text{Any subsequent search or documentation process will exclude this errand / corrupt file.} \\$

See Also:

• "Add File(s) to Project Search Exclusion List" on page 214

View Search Result Details

1. In the Results window, click on the result for which you want to view details. See example below:



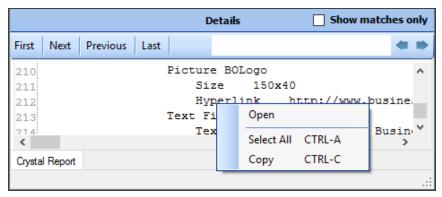
- Details will appear in the **Details** window located below the **Results** window (as above).
- · Matches are highlighted in each line where they appear, and lines are numbered.
- To view only those lines with a match, click to check the Show matches only check-box. See below.

Note that the line numbers are hidden when this option is checked.

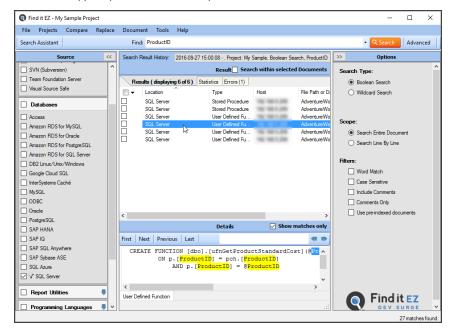
· To search Details, enter your search text into the text box and click on the First, Next, Previous, Last, or arrow buttons.



To open the Find it EZ Result Viewer, right-click inside the Details panel and select Open from the context menu. You can also Select All and Copy using the same method.



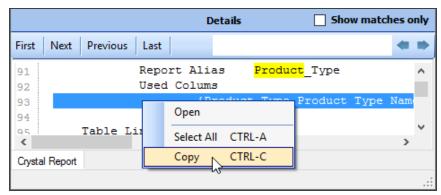
• The **Show matches only** option is auto-synchronized to the **Automatically expand details** user option (see link below). When turned on, you will see the full context of the searched document with line numbers. When turned off, only lines with matches will appear (without line numbers).



Note: The **Show matches only** option is auto-synchronized to the automatically expand details user option (see link below). When turned on, you will see the full context of the searched document with line numbers. When turned off, only lines with matches will appear (without line numbers).

Copy Detail Item to Clipboard

- 1. Locate the matching instance line that you want to copy to the clipboard.
- 2. Right-click on the selected line. A context menu will appear.



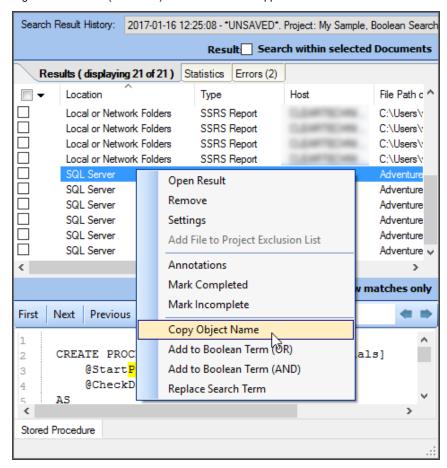
- 3. From the menu, select Copy. The selected line will be copied to the clipboard.
- 4. Paste the copied text to the desired target location which can be another program or external editor.

Copy Search Results Document Names

This section describes the steps required to copy a search results match document name to the clipboard, add an document name to the Boolean search term, or replace the Boolean search term with a selected result document name.

Copy Document Name to Clipboard

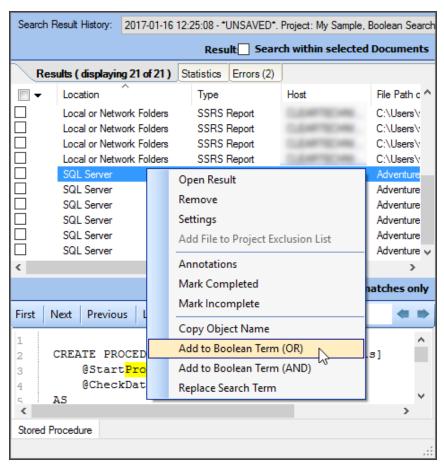
- 1. In the Results list, locate the file (line match) you want to copy the corresponding document name from.
- 2. Right-click on the file (line match). A context menu will appear.



3. From the menu, select Copy Object Name. The name of the selected file (line match) will be added to the clipboard.

Add Object Name to Boolean Search Term

- In the Results list, locate the file (line match) you want to add the corresponding document name as an additional search term in your existing Find expression.
- 2. Right-click on the file. A context menu will appear.

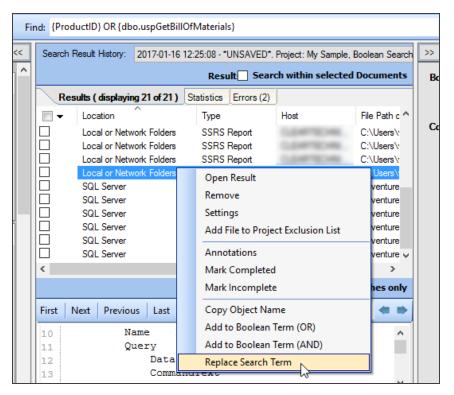


3. From the menu, select Add to Boolean Term (OR) OR Add to Boolean Term (AND), as desired. The name of the selected file object will be appended to any existing search term in the Find text box (on the search bar) with the selected boolean expression AND / OR operand. See example below:



Replace Boolean Search Term

- 1. In the **Results** list, locate the file (line match) with the corresponding document name you want to use as the next Boolean search term. For example, if you now want to search for all references to the selected document name in your next search.
- 2. Right-click on the file. A context menu will appear.



3. From the menu, select **Replace Search Term** .The name of the selected line match document name will replace any existing search term in the **Find** text box (on the search bar). See example below:



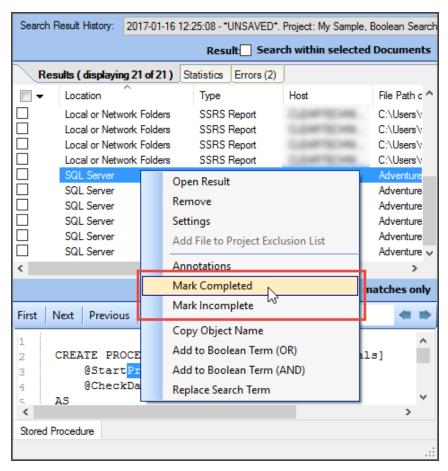
4. Click the Search button on the search bar to find all references to that document name within your active project.

Modify Search Results

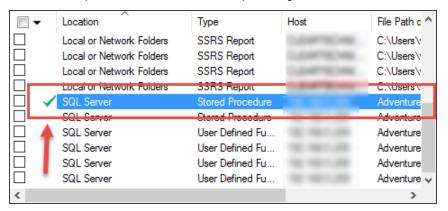
This section provides step-by-step instructions to mark search result items complete or incomplete, add or edit result annotations, remove an item(s) from search results, and to add a file to a project's search exclusion list. You may want to break up a list into smaller sub-lists for redistribution, or remove false-positive matches, etc.

Mark Item(s) Complete or Incomplete

- 1. In the **Results** window, locate the result you want to mark complete or incomplete.
- 2. Right-click on the result row. A context menu will appear.

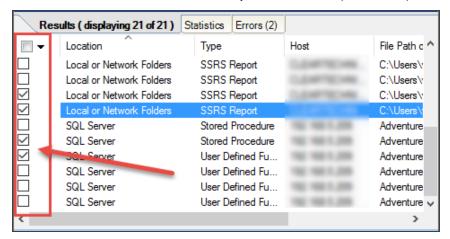


- 3. Click to select Mark Completed or Mark Incomplete, as desired.
 - · If marked complete, a green check-mark will appear preceding the result.
 - If a completed result is then marked incomplete, the green check-mark will be removed.

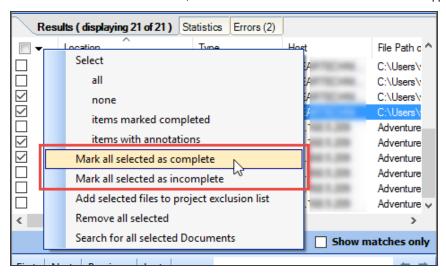


Mark All Complete or Incomplete

1. In the check-box column, click to select the results you want to mark complete or incomplete.



2. In the header of the check-box column, click on the down arrow button. A context menu will appear.



3. To mark the selected results complete, select **Mark all checked as completed** from the menu. A green check mark will appear preceding each selected result.

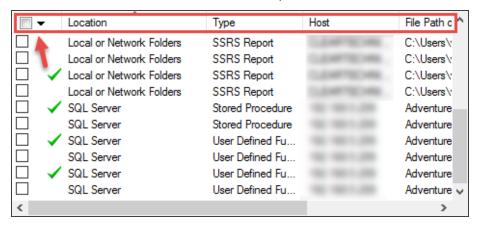
OR

 To mark the selected results incomplete, select Mark all checked as incomplete from the menu. Green check marks will be removed preceding each selected result.

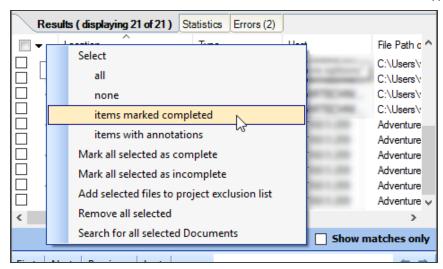
Note: If any search results have been marked complete and you attempt the exit/close the program without first saving your results, you will be prompted to save your search results, continue without saving, or keep the program open.

Select All Items Marked Completed

To locate and select all results that have been marked completed:

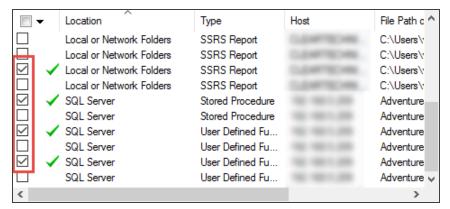


1. In the header of the check-box column, click on the down arrow button. A context menu will appear.



2. From the menu, choose Select -> items marked completed . All results previously marked completed will be selected

(checked).



See Also:

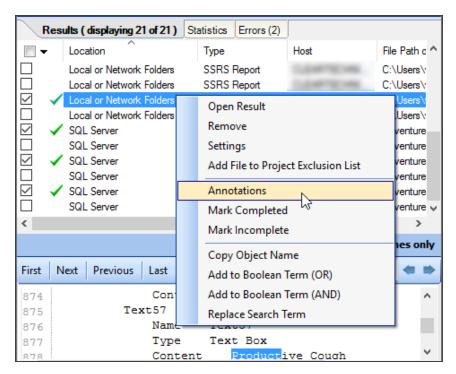
• "Select All Results or None" on page 183

Add or Edit Annotations

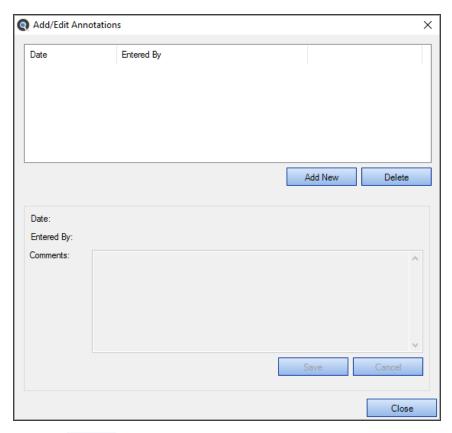
This section outlines the procedures required to add, view, edit, or delete an annotation or to locate and select all items with annotations. Annotations are task assignment or instructions to others or reminders to self for action required on a given search result item. These annotations can then be exported directly to MS Project or distributed via search result lists as a column of information that is included.

Add Annotation

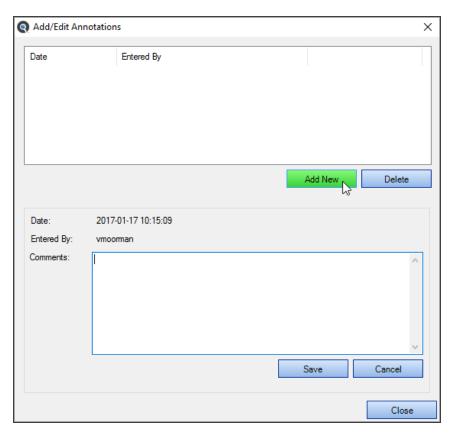
- 1. In the Results window, locate the result to which you want to add an annotation.
- 2. Right-click on the result row. A context menu will appear.



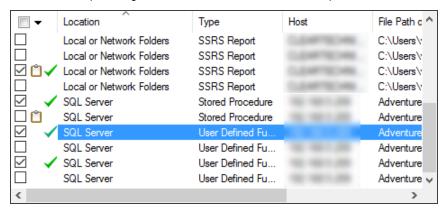
 $3. \quad \text{From the menu, select } \textbf{\textit{Annotations}} \text{ . An } \textbf{\textit{Add/Edit Annotations}} \text{ dialog will appear.}$



4. Click on the Add New button. A new entry will be added, including the current date, time (in the Date field), and username (in the Entered by field).



- 5. In the Comments text box, enter the desired annotation.
- 6. Click on the Save button to save your note and close the Add/Edit Annotations dialog. A clipboard icon will appear in the Results window preceding each result with an annotation. See example below:



Note: If any search results have annotations and you attempt the exit/close the program without first saving your results, you will be prompted to save your search results, continue without saving, or keep the program open.

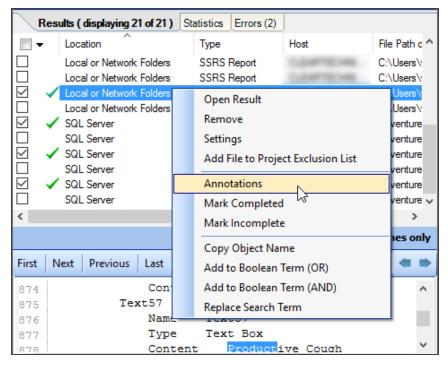
7. To discard any changes, click on the Cancel button.

View Annotations

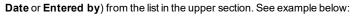
1. In the Results window, locate the result for which you want to view annotations.

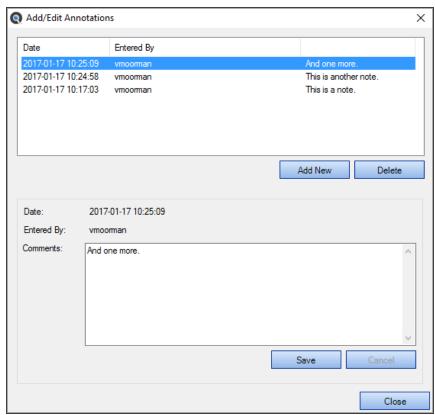
Note: Results with annotations are preceded by a clipboard icon.

2. Right-click on the result row. A context menu will appear.



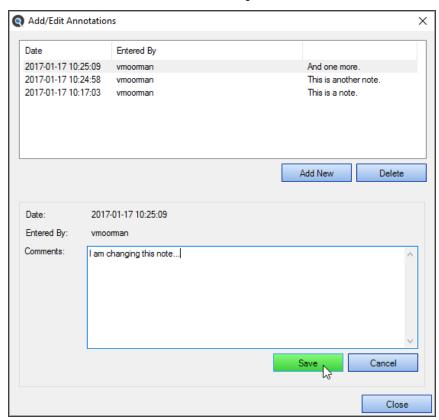
3. From the menu, select Annotations An Add/Edit Annotations dialog will appear. Details for the most recent annotation will be shown by default in the lower section of the dialog. To view another annotation, click to select the desired row (e.g. by



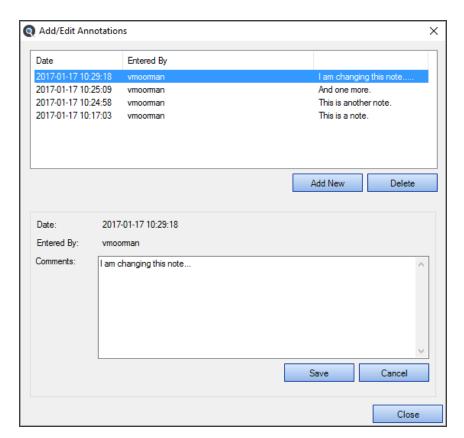


Edit Annotation

1. For the selected annotation, make the desired changes in the **Comments** text box.



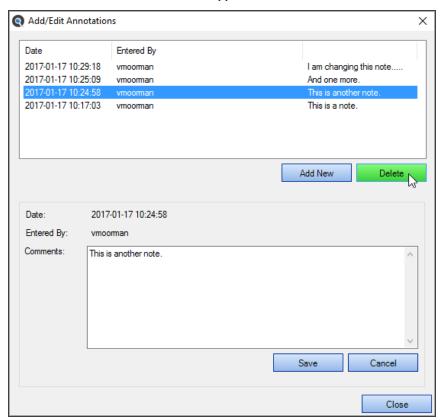
2. Click on the Save button to save. A new, dated entry will be generated to include the changes. See example below:



3. To discard your changes, click on the Cancel button.

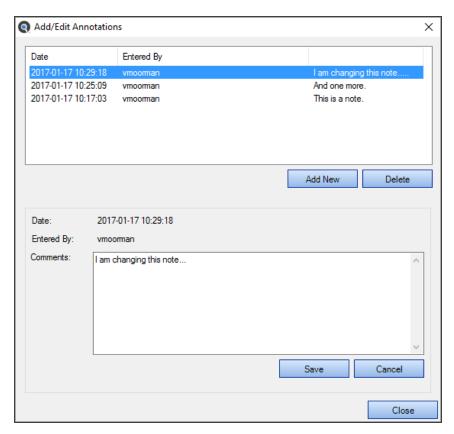
Delete Annotation

1. In the list of annotations, click to select the entry you want to delete.



2. Click on the **Delete** button. The selected annotation will be removed from the list. See below:

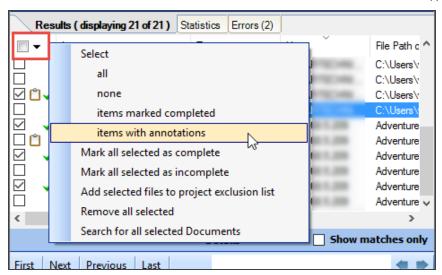
208



3. To close the **Add/Edit Annotations** dialog, click on the **X** button.

Select All Items with Annotations

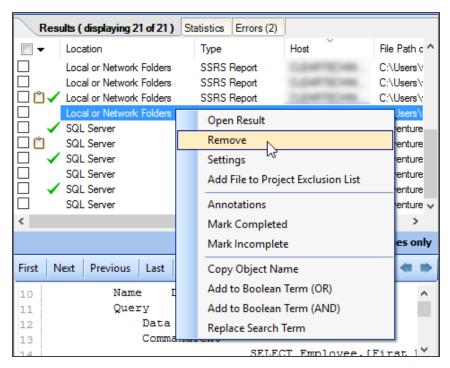
1. In the header of the check-box column, click on the down arrow button. A context menu will appear.



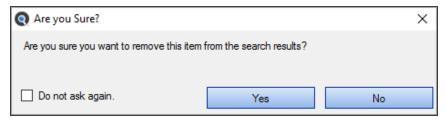
2. From the menu, choose Select -> items with annotations . All results with annotations will be selected (checked).

Remove Item from Search Results

- 1. In the Results window, locate the result you want to remove from the list.
- 2. Right-click on the result row. A context menu will appear.

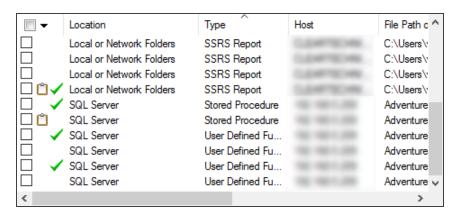


3. From the menu, select **Remove**. An **Are you sure?** confirmation message will appear.



Tip: To prevent this dialog from appearing the next time you remove a result, click to check the **Do not ask again** check-box.

4. To remove the selected item from the search results, click on the **Yes** button. See example below:



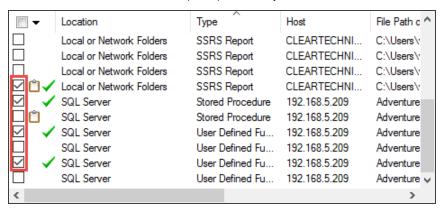
OR

5. To cancel, click on the No button.

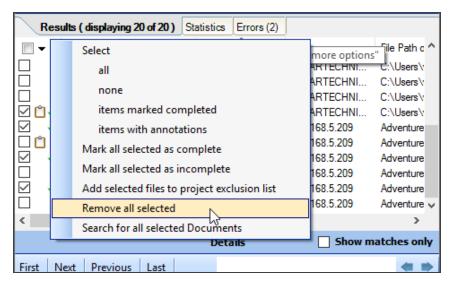
Alert: If you inadvertently delete an item, you can recover by using the "search results history" drop down box to return to the full search list. However, this will reset and roll back all changes since the search was run/loaded.

Remove All Checked Results

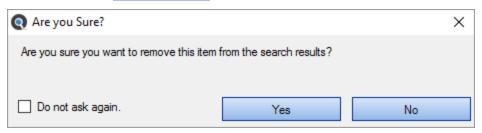
1. In the check-box column, click to select (check) the results you want to remove.



2. In the header of the check-box column, click on the down arrow button. A context menu will appear.

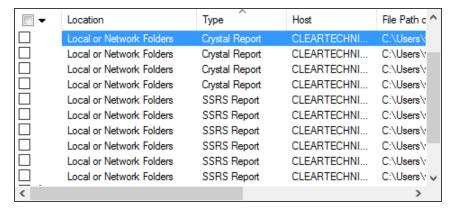


3. From the menu, select Remove all checked. An Are you sure? confirmation message will appear.



Tip: To prevent this dialog from appearing the next time you remove a result, click to check the **Do not ask again** check-box.

4. To remove the selected items from the search results, click on the **Yes** button. See example below:



OR

5. To cancel, click on the No button.

Alert: If you inadvertently delete an item, you can recover by using the "search results history" drop-down box to return to the full search list. However, this will reset and roll back all changes since the search was run / loaded.

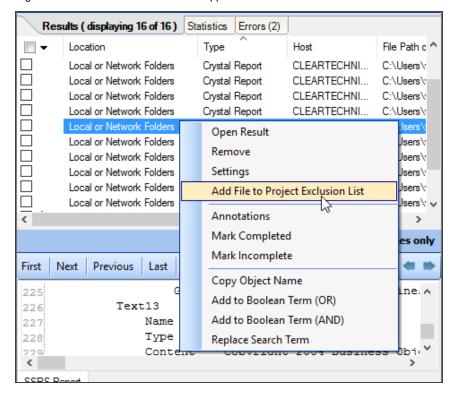
Add File(s) to Project Search Exclusion List

Add a Single File to the Project Exclusion List

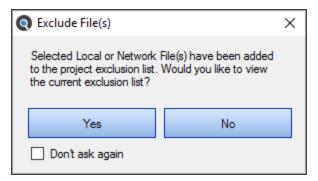
Note: This option is available only for results sourced from Local or Network Folders.

Purpose: If one or more files come up in the Search**Results** tab list, and (for example) the file can't be opened, or is on the **Results** list and you know you don't want to include this particular file in future search passes for this project, you can use this option to add it to the project file exclusion list quickly and easily, as follows:

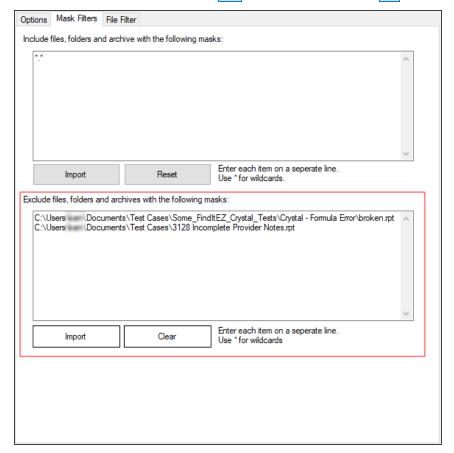
- 1. In the Results list, locate the file that you want to add to the current project's search exclusion list.
- 2. Right-click on the file. A context menu will appear.



- From the menu, select Add file to project exclusion list. The selected file will be added to the Exclude File(s) / Folder(s) list in Project Settings Mask Filters tab for Local or Network Folders.
- 4. A view request notification will appear, as below:

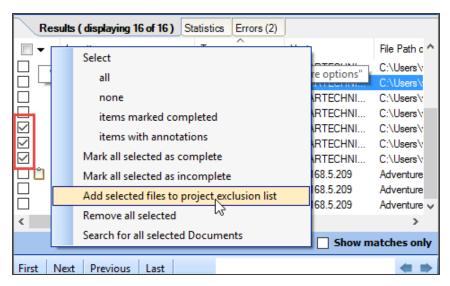


5. To view the current exclusion list, click on the Yes button. To cancel, click on the No button. See example below:

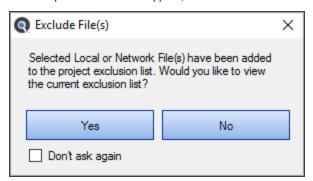


Add Multiple Files to Project Exclusion List

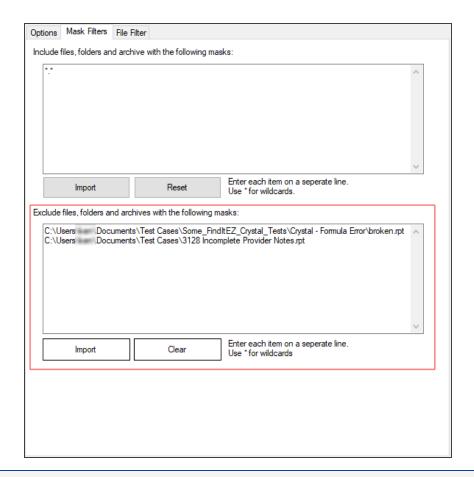
- 1. In the **Results** list, locate the files that you want to add to the current project's search exclusion list.
- 2. In the check-box column, click to select (check) the desired results.
- 3. In the header of the check-box column, click on the down arrow button. A context menu will appear.



- From the menu, select Add selected files to project exclusion list . The selected files will be added to the Exclude File(s) / Folder(s) list in Project Settings Mask Filters tab for Local or Network Folders.
- 5. A view request notification will appear, as below:



6. To view the current exclusion list, click on the Yes button (see example below). To cancel, click on the No button.



See Also:

- "Add an Errant File to the Project Exclusion List" on page 189
- "Save Search Results" on page 35
- "Export Search Results" on page 37
- .

Example Workflow Scenarios

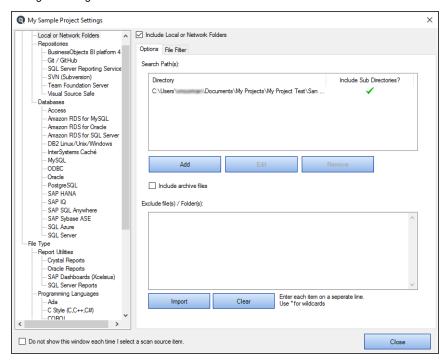
This section provides a number of example scenarios, procedures, and resulting screen shots for searching and reporting in source file locations, databases, and accessing reporting tools.

Source File Locations

Examples provided in this section include searching local or network folders, searching a GitHub repository, and searching a Team Foundation Server (TFS) repository.

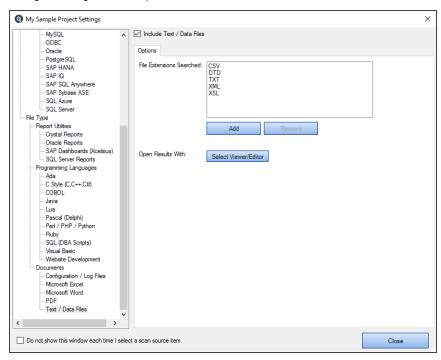
Search Local or Network Folders

- 1. From the Source frame on the left, locate the File Locations category.
- 2. Click to check the Local or Network Folders source. The Project Settings dialog will appear.
- 3. Configure settings.



4. From the **Source** frame on the left, click to check one or more supported file type(s). For example, select a file type from the **Documents** category.

5. Configure settings. See example below:



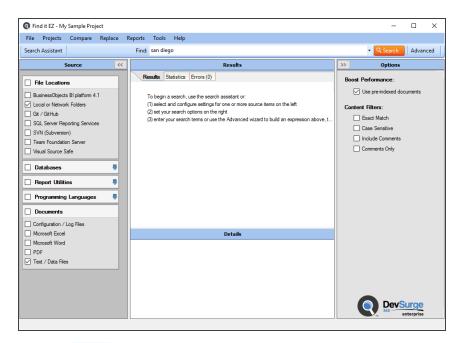
6. From the Options frame on the right, select the desired Content Filters.

Note: Default search **Options** are: **Search Type** = Boolean with Wildcards Expressions, **Content Filters** = None. Search options can be set 'on program start-up' or changed during 'new project or wizard task' creation to either use the program defaults or to remember your last used settings.

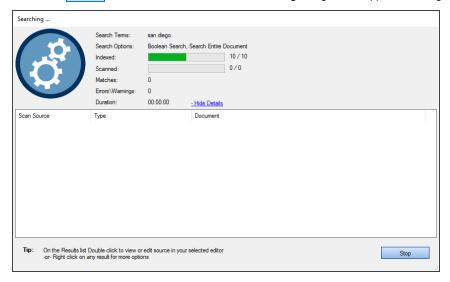
Tip: For better search performance, click to check the Use pre-indexed documents in **Content Filters**. This will use the last indexed document content and therefore will not refresh content with latest updates. Use this filter if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

7. On the search bar (see image below), enter the desired search text into the Find text box.

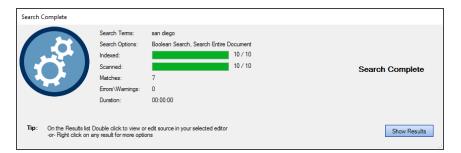




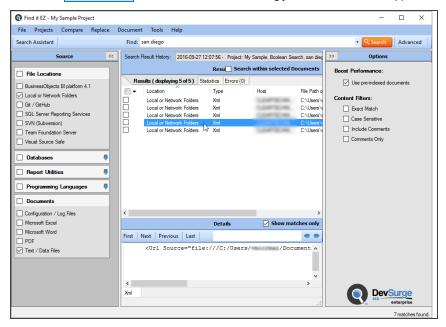
8. Click on the Search button to initiate the search. A Searching dialog box will appear, showing the status of the search.



9. Once complete, the **Search Complete** dialog box will appear.



10. Click on the Show Results button. A list of results matching your search criteria will appear in the Results frame.



Note: After performing a search, settings can be saved to a Project for later use again.

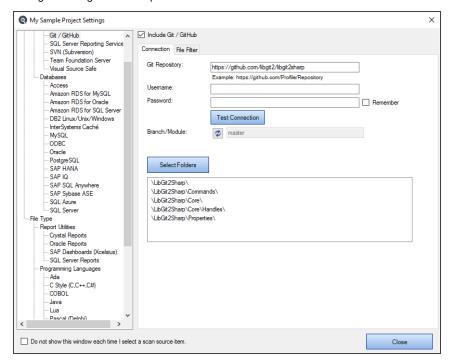
- 11. To view details for a result, click on a row in the **Results** window. Details will appear in the **Details** window.
- 12. To view the source file, right-click on a detail line and select *Open* from the context menu. See example below:

```
    Find It EZ Source Code Viewer - C:\Users\vmoorman\Documents\My Projects\My Project Test\San Diego\Output\vmoorman\Tempor...

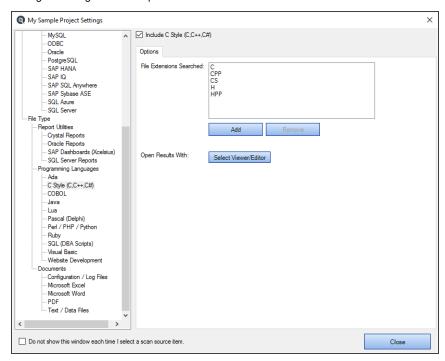
First Next Previous Last Match 1 of 1
                                                                                                                         (2 1)
     <?xml version="1.0" encoding="utf-8"?>
     <CatapultGlobalSkinCache
       SavedSource="file:///C:/Users/vmoorman/Documents/My Projects/San Diego/Output/vmoorman/Temporary/Glok
            Name="Header" />
            Name="Menu Item">
            <Class
              Name="2nd Level" />
            <Class
              Name="3rd Level" />
           <Class
Name="4th Level" />
           <Class
              Name="1st Level" />
          </Tag>
          <Tag
Name="Search Input" />
          <Tag
            Name="Menu" />
If you wish to view or edit this document in another program, change the "Open With" option found in the settings window for the selected scan source
```

Search a Git / GitHub Repository

- 1. From the Source frame on the left, locate the File Locations category.
- 2. Click to check the Git / GitHub source. The Project Settings dialog will appear (example to follow).
- 3. Configure settings. See example below:



- 4. From the **Source** frame on the left, click to check one or more supported file type(s). In the example below, **C Style** (**C,C++,C#**) has been selected from the **Programs** category.
- 5. Configure settings. See example below:



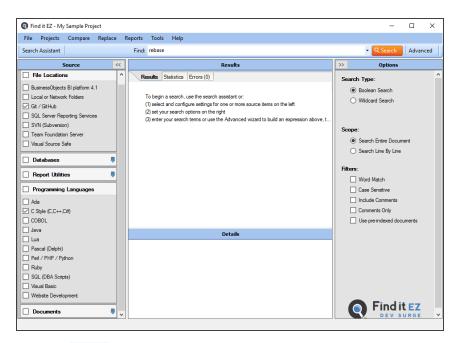
6. From the Options frame on the right, select the desired Content Filters.

Note: Default search **Options** are: **Search Type** = Boolean with Wildcards Expressions, **Content Filters** = None. Search options can be set 'on program start-up' or changed during 'new project or wizard task' creation to either use the program defaults or to remember your last used settings.

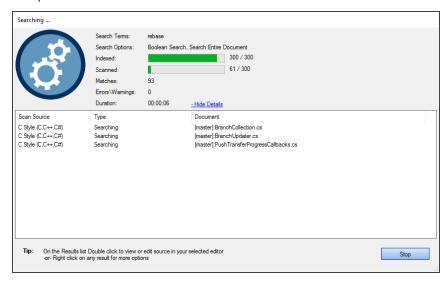
Tip: For better search performance, click to check the Use pre-indexed documents in **Content Filters**. This will use the last indexed document content and therefore will not refresh content with latest updates. Use this filter if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

7. On the search bar (see image below), enter the desired search text into the **Find** text box.

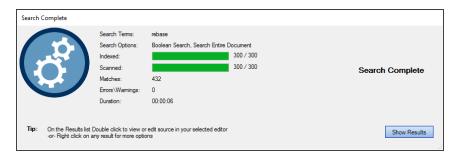




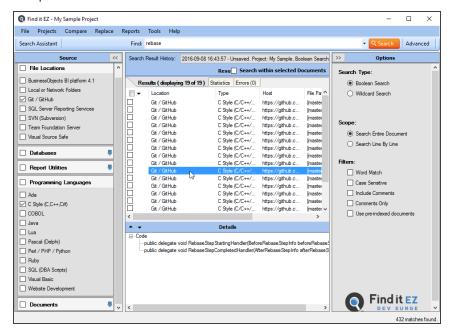
8. Click on the Search button to initiate the search. A Searching dialog box will appear, showing the status of the search. See example below:



9. Once complete, the **Search Complete** dialog box will appear.



10. Click on the **Show Results** button. A list of results matching your search criteria will appear in the **Results** frame. See example below:



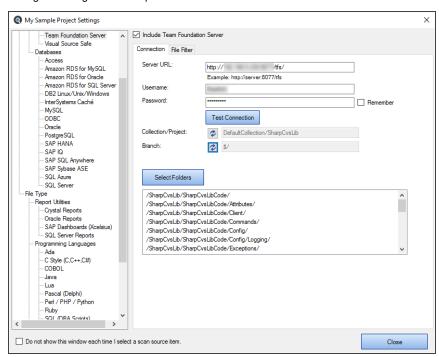
Note: After performing a search, settings can be saved to a Project for later use again.

- 11. To view details for a result, click on a row in the **Results** window. Details will appear in the **Details** window (as above).
- 12. To view the source file, right-click on a detail line and select *Open* from the context menu. See example below:

```
Find It EZ Source Code Viewer - [master]:\LibGit2Sharp\Handlers.cs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Group: Code
 First Next Previous Last Match 1 of 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (2 1)
                                       /// <summary>
                                       /// Delegate to report information on a rebase step that is about to be performed.
                                       /// <param name="beforeRebaseStep"></param>
                                     \texttt{public delegate void } \frac{\texttt{Rebase}}{\texttt{StepStartingHandler}} \texttt{StepGreeRebase} \\ \texttt{StepInfo beforeRebase} \\ \texttt{StepInfo beforeR
                                      /// Delegate to report information on the rebase step that was just completed.
                                     /// </summary>
/// <param name="afterRebaseStepInfo"></param>
                                     public delegate void RebaseStepCompletedHandler(AfterRebaseStepInfo afterRebaseStepInfo);
                                      /// The stages of pack building.
                                     /// </summary>
public enum PackBuilderStage
                                                       /// <summarv>
                                                         /// Counting stage
/// </summary>
                                                        Counting,
If you wish to view or edit this document in another program, change the "Open With" option found in the settings window for the selected scan source
```

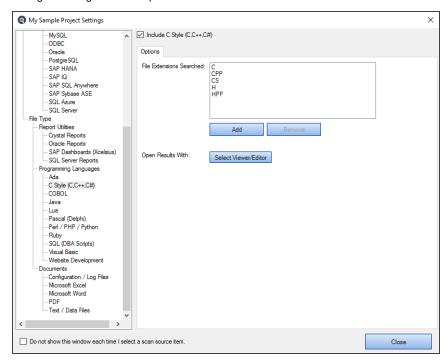
Search a Team Foundation Server (TFS) Repository

- 1. From the Source frame on the left, locate the File Locations category.
- 2. Click to check the Team Foundation Server source. The Project Settings dialog will appear.
- 3. Configure settings. See example below:



4. From the **Source** frame on the left, click to check one or more supported file type(s). In the example below, **C Style** (**C,C++,C#**) has been selected from the **Programs** category.

5. Configure settings. See example below:



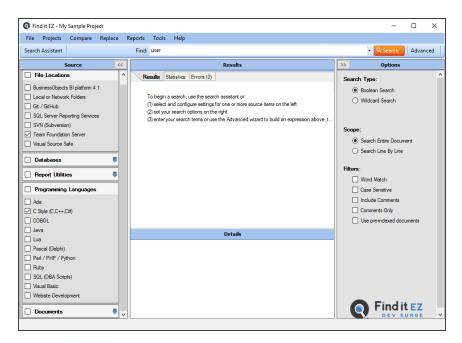
6. From the Options frame on the right, select the desired Content Filters.

Note: Default search **Options** are: **Search Type** = Boolean with Wildcards Expressions, **Content Filters** = None. Search options can be set 'on program start-up' or changed during 'new project or wizard task' creation to either use the program defaults or to remember your last used settings.

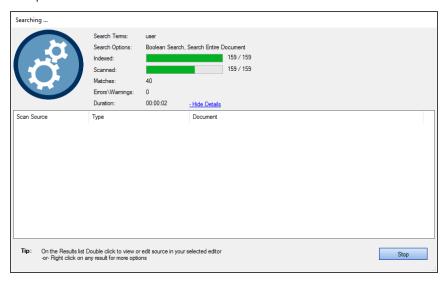
Tip: For better search performance, click to check the Use pre-indexed documents in **Content Filters**. This will use the last indexed document content and therefore will not refresh content with latest updates. Use this filter if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

7. On the search bar (see image below), enter the desired search text into the Find text box.

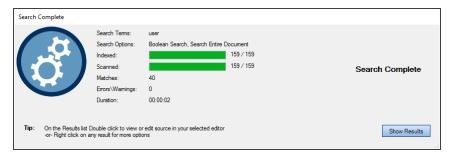




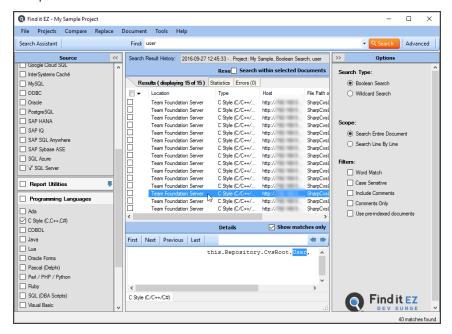
8. Click on the **Search** button to initiate the search. A **Searching** dialog box will appear, showing the status of the search. See example below:



9. Once complete, the **Search Complete** dialog box will appear.



10. Click on the Show Results button. A list of results matching your search criteria will appear in the Results frame. See example below:



Note: After performing a search, settings can be saved to a Project for later use again.

- 11. To view details for a result, click on a row in the **Results** window. Details will appear in the **Details** window (as above).
- 12. To view the source file, right-click on a detail line and select *Open* from the context menu. See example below:

```
Find It EZ Source Code Viewer - [5/]sharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpCvsLib\SharpC
```

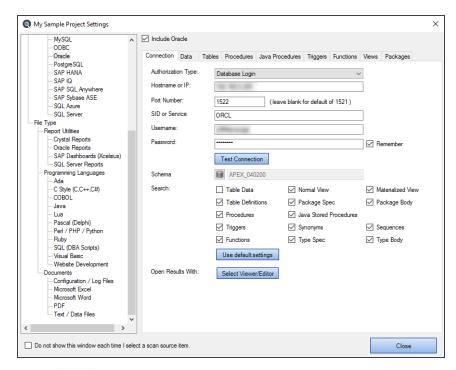
See Also:

- "Search Wizard" on page 122
- "Local or Network Folders" on page 76
- "Configure Source Location(s)" on page 162
- · "Local or Network Folders" on page 76
- "Repositories" on page 87
- "File Type" on page 105

Database Examples

Search an Oracle Database

- 1. From the Source frame on the left, click to check Oracle in the Databases category.
- 2. Configure settings. See example below:



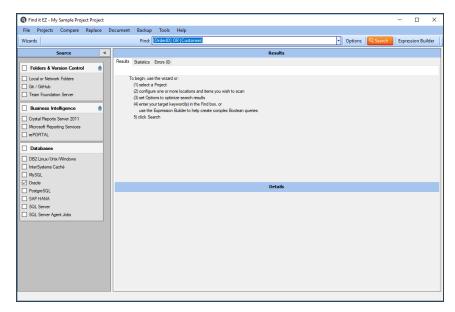
3. Click the Options button on the search bar, choose the desired Optimization and Content Filters.

Note: Default search **Options** are: **Optimization** = DO NOT use pre-indexed documents (unchecked), **Content Filters** = None. Search options can be set 'on program start-up' or changed during 'new project' or 'new wizard task' configuration to use this default or to remember your last used settings.

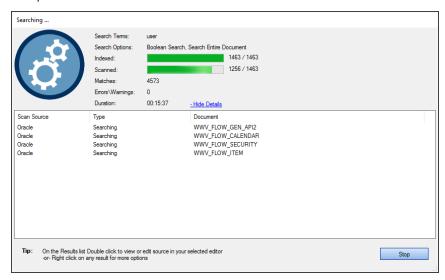
Tip: For better search performance, click to check the Use pre-indexed documents. This will use the last indexed document content and therefore will not refresh content with latest updates. Use this filter if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

4. On the search bar (see image below), enter the desired search text into the Find text box.

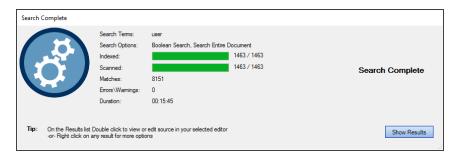




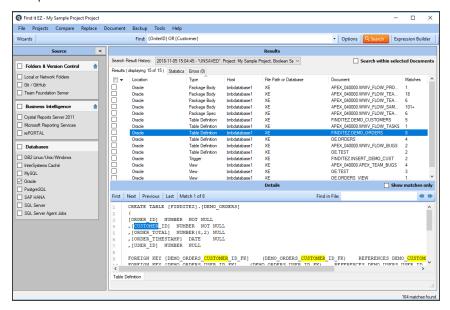
5. Click on the **Search** button to initiate the search. A **Searching** dialog box will appear, showing the status of the search. See example below:



 $6. \quad \text{Once complete, the } \textbf{Search Complete} \ \text{dialog box will appear}.$



7. Click on the Show Results button. A list of results matching your search criteria will appear in the Results frame. See example below:



Note: After performing a search, settings can be saved to a Project for later use again.

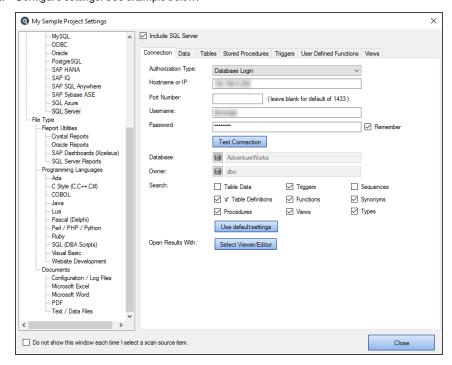
- 8. To view details for a result, click on a row in the **Results** window. Details will appear in the **Details** window. See example above
- 9. To view the source file, right-click on a detail line and select **Open** from the context menu. See example below:

```
Find It EZ Source Code Viewer - ORCLAPEX_O40200.WWV_FLOW_FEEDBACK

| Location/Group: Table Definition | Tabl
```

Search a SQL Server Database

- 1. From the Source frame on the left, click to check SQL Server in the Databases category.
- 2. Configure settings. See example below:

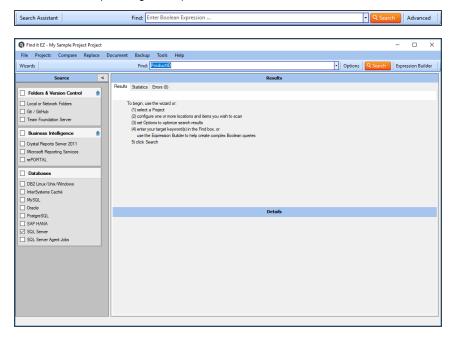


3. Click the Options button on the search bar, choose the desired Optimization and Content Filters.

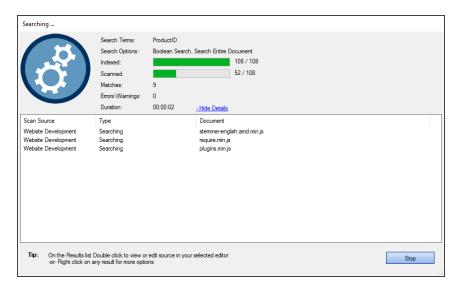
Note: Default search **Options** are: **Optimization** = DO NOT use pre-indexed documents (unchecked), **Content Filters** = None. Search options can be set 'on program start-up' or changed during 'new project' or 'new wizard task' configuration to use this default or to remember your last used settings.

Tip: For better search performance, click to check the Use pre-indexed documents. This will use the last indexed document content and therefore will not refresh content with latest updates. Use this filter if it is known that the source documents are changed infrequently or have not changed since the last Find it EZ project indexing.

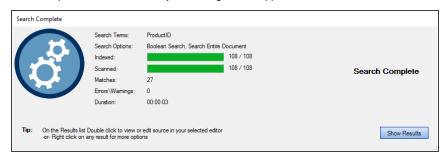
4. On the search bar (see image below), enter the desired search text into the Find text box.



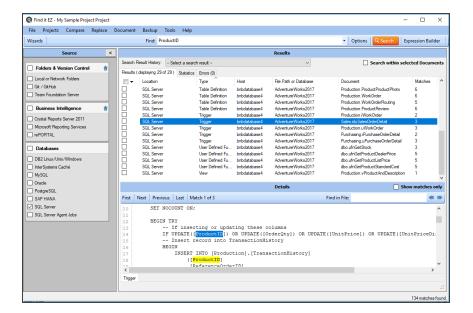
5. Click on the **Search** button to initiate the search. A **Searching** dialog box will appear, showing the status of the search. See example below:



6. Once complete, the **Search Complete** dialog box will appear.

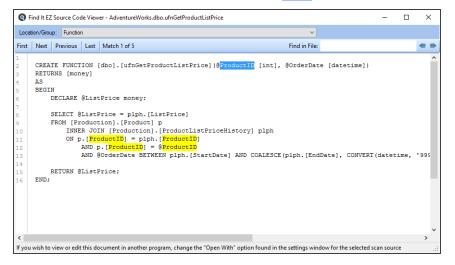


7. Click on the Show Results button. A list of results matching your search criteria will appear in the Results frame. See example below:



Note: After performing a search, settings can be saved to a Project for later use again.

- 8. To view details for a result, click on a row in the **Results** window. Details will appear in the **Details** window. See example above.
- 9. To view the source file, right-click on a detail line and select *Open* from the context menu. See example below:



See Also:

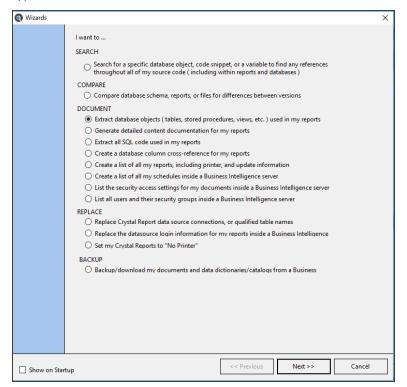
- · "Databases" on page 94
- "Apply Database Item Filters" on page 100
- "Test Database Connection" on page 97

Reporting Tools

Examples in this section include creating a SQL statements detail extract and creating a database cross-reference list.

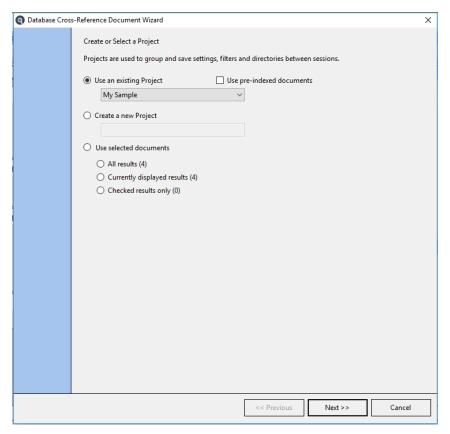
Create a Database Cross-Reference List

- 1. Launch the Export Wizard for a Database Cross-Reference Extract:
 - a. Using the main Wizard:
 - At the top, left of the main window, in the search bar, click on the Wizards button. The Wizards dialog will appear.

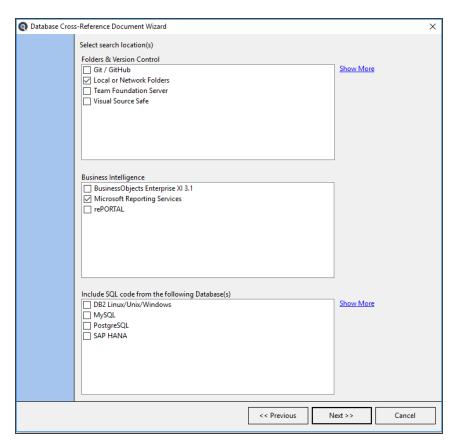


- ii. Click to choose the Extract database objects (tables, stored procedures, views, etc.) used in my reports option.
- b. Using the menu:
 - i. From the Find it EZ menu, select Document -> Business Intelligence -> Database Cross-Reference

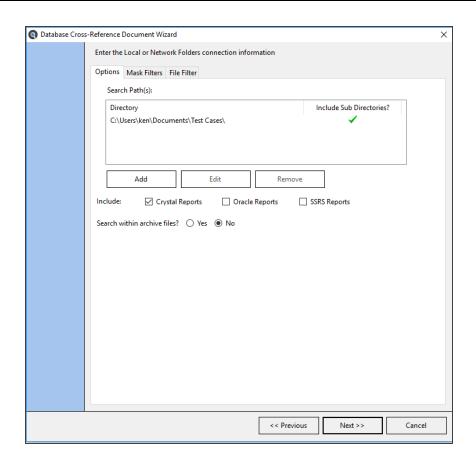
The Database Cross-Reference Document Wizard will appear. See below:

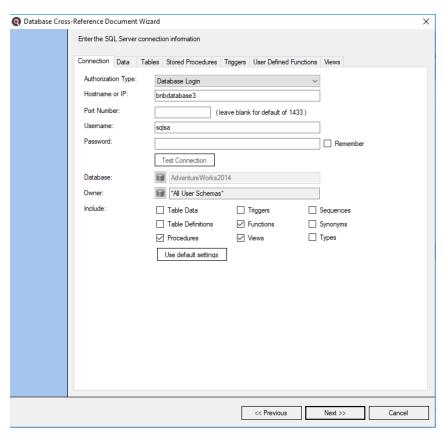


2. Click on the **Next >>** button to continue.

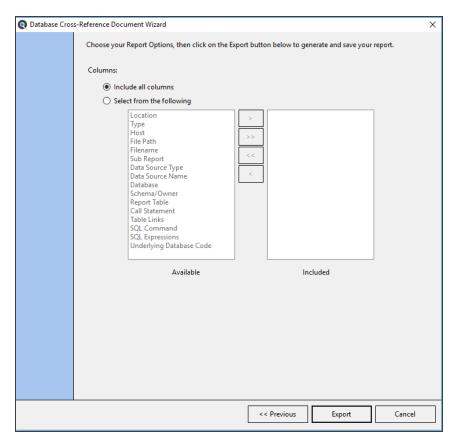


- 3. Click to select the report file locations and optionally select the underlying source databases if you would like to include the SQL Select code from procedures, views or functions used by your reports.
- 4. Click on the Next >> button to continue. Each of the selected source report location and underlying database configuration panels will appear as in the examples below.

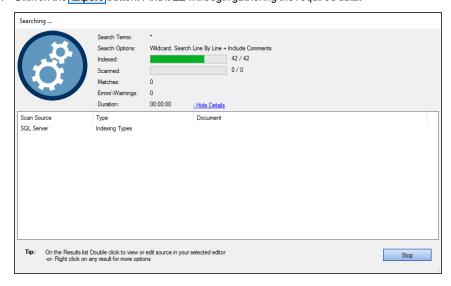




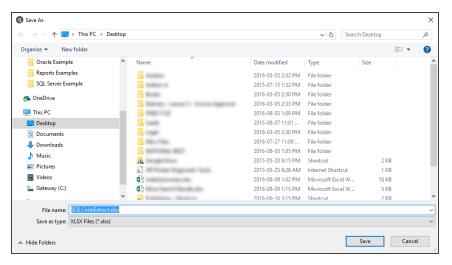
- 5. Enter or confirm the pre-configured the file location and underlying database(s) connection information, click the check-boxes to **include** desired report types and known database objects used by your reports.
- 6. Click on the Next >> button to continue after each configuration panel is completed. Use the Test Connection button to confirm valid settings where applicable. After the last location is configured, the Export Confirmation dialog will appear.



- 7. Choose what columns you would like to export. The default is to include all columns available.
- 8. Click on the **Export** button. Find it EZ will begin gathering the required data.

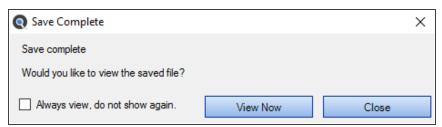


9. Once complete, a **Save As** dialog will appear. See example below:

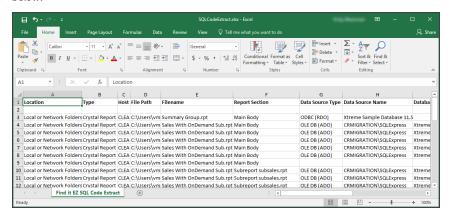


- 10. Save the report:
 - a. Modify the File name as desired.
 - b. Navigate to the desired folder location.
 - c. Click on the Save button.

A Save Complete notification will appear, as below:



11. To view the saved report, click on the View Now button. The file will open in the specified viewer / editor. See example below:

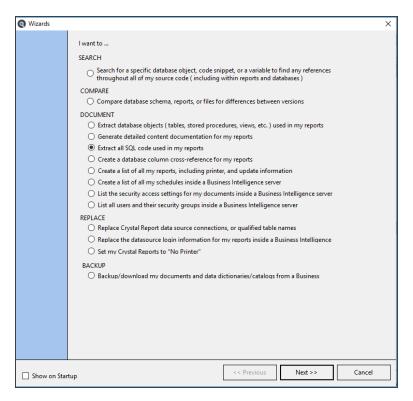


Report data will include the following:

- Location
- Type
- Host
- · File Path
- · Filename
- · Report Section
- · Data Source Type
- Data Source Name
- Database
- Owner
- · Report Table
- · Call Statement
- Table Links
- SQL Command
- SQL Expressions
- Underlying Database Code SQL SELECT statement content based on procedures, views or functions referenced when source database configuration included

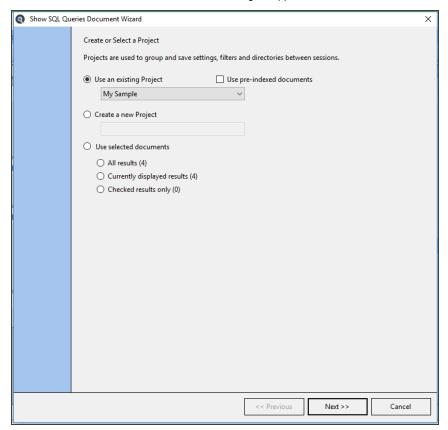
Extract all embedded SQL queries from within my reports

- 1. Launch the Export Wizard for an embedded report SQL Queries extract:
 - a. Using the main Wizard:
 - i. At the top, left of the main window, in the search bar, click on the **Wizards** button. The **Wizards** dialog will appear.

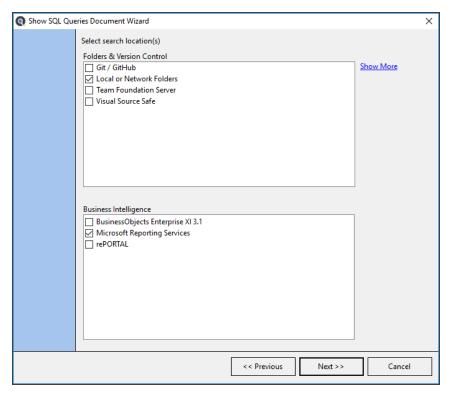


- ii. Click to choose the Extract all SQL code used in my reports option.
- b. Using the menu:
 - i. From the Find it EZ menu, select Document -> Business Intelligence -> Show SQL Queries

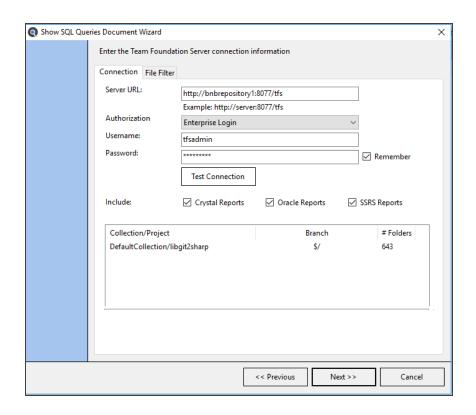
The Show SQL Queries Document Wizard dialog will appear.

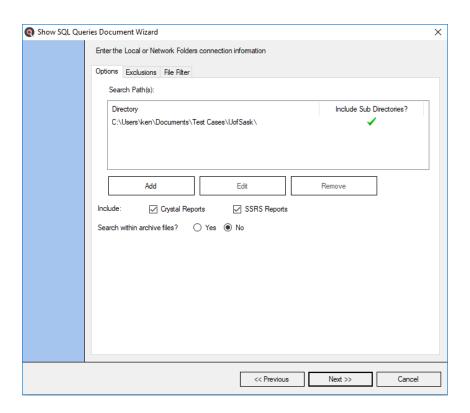


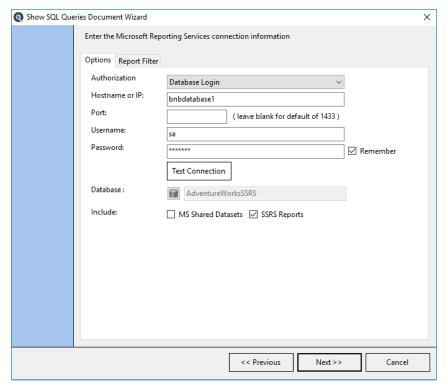
2. Click on the **Next >>** button to continue.



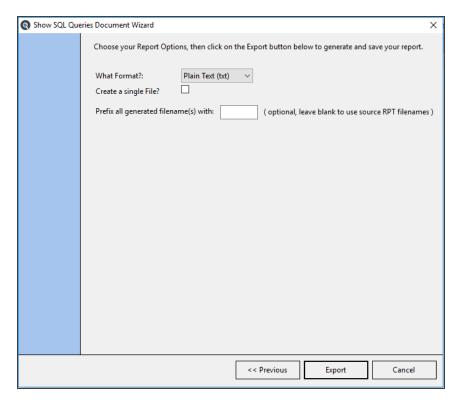
- 3. Click to select all of the report file locations to include.
- Click on the Next >> button to continue. Each of the selected source report location configuration panels will appear as in the examples below.



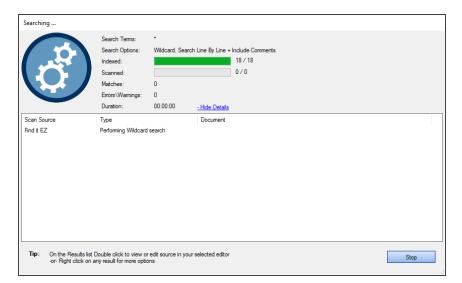




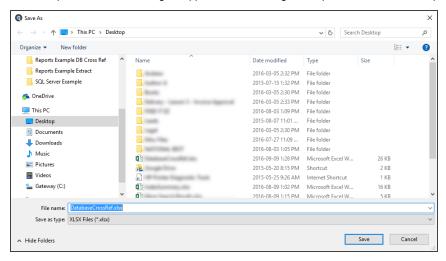
- 5. Enter or confirm the pre-configured the file location and other connection information, click the check-boxes to **include** the desired report types to extract embedded SQL queries from.
- 6. Click on the Next >> button to continue after each configuration panel is completed. Use the Test Connection button to confirm valid settings where applicable. After the last location is configured, the Export Confirmation dialog will appear.



- 7. Enter the export options:
 - a. Select exported content file type.
 - b. All data exported to a single file, or individual files created for each report?
 - c. Optionally add a prefix to the file(s) created. Can be useful for separating data from each wizard run stored in the same destination output folder.
- 8. Click on the **Export** button. Find it EZ will begin gathering the required data.

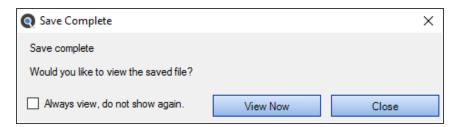


9. Once complete, a Save As dialog will appear when the "single file" option was checked in step 7(b). See example below:

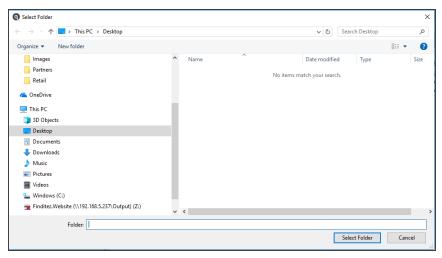


- 10. Save the report:
 - a. Modify the File name as desired.
 - b. Navigate to the desired folder location.
 - c. Click on the Save button.

A Save Complete notification will appear, as below:

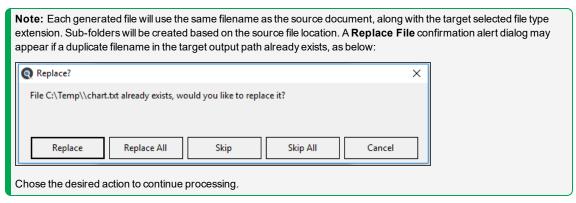


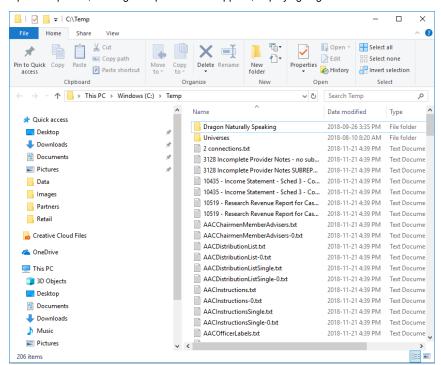
11. Or once complete, if individual files are to be created, a **Select Folder** dialog will appear as below:



- 12. Save the report:
 - a. Navigate to the desired folder location.
 - b. Click on the Select Folder button.

The file creation process will begin.





13. Upon completion, the target output folder will appear, displaying all generated files as below:

See Also:

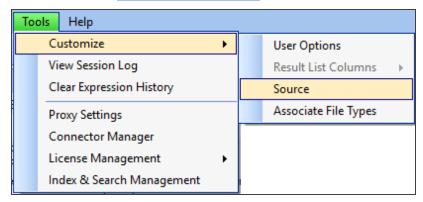
- "Create or Select a Project" on page 124
- "Search Wizard" on page 122
- "Select File Location(s)" on page 124
- "Add or Edit Search Path(s)" on page 78
- · "Local or Network Folders" on page 76
- "Include Archive Files" on page 81
- · "Connection Information Databases" on page 97
- "Connection Information Repositories" on page 89
- "Choose Report Options and Export Report" on page 151

Migrating BOE Crystal Reports Example

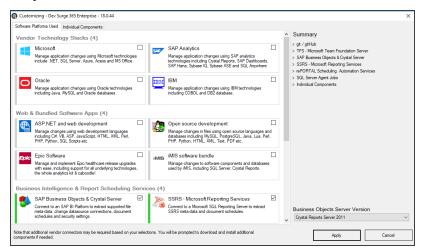
The following example demonstrates how to upgrade a set of Crystal Reports between SAP BOE Server versions. The oldest Crystal Server supported by the vendor supplied XI 3.1 connector is CRS 2008. Adding support for versions earlier then that requires older SDKs no longer supported or available from SAP.

There is a simplified procedure. Provided you do not need to convert and continue to use the reports within your existing Crystal XI (11) server, here is what you can do:

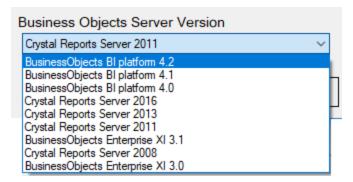
- 1. Start Find it EZ Dev Surge 365. Change the "repository" within Find it EZ:
 - a. From the menu, select Tools -> Customize -> Source



b. From the **Software Platforms Used** tab, enable the check-box for "**Sap Business Objects & Crystal Server**". See below:

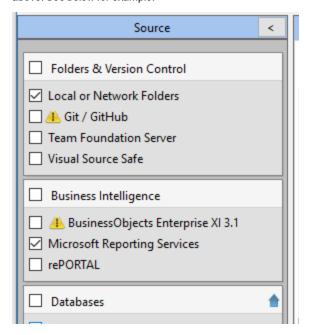


c. In the Business Objects Server Version drop down box that will appear in the right panel, select your older version of BOE XI or Crystal Server source edition. See below:

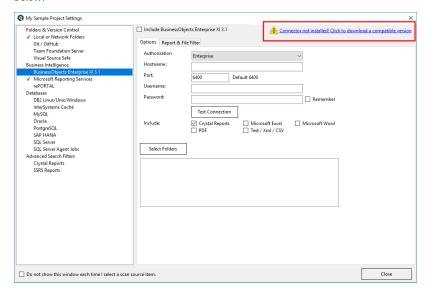


d. Click on the Apply button. This may force a program restart, this is normal.

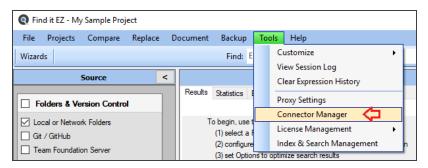
2. If required, install a compatible SAP SDK runtime connector. The Find it EZ application will auto-detect whether or not a required connector is installed. If not, a yellow alert will appear in the Source panel to the left of the BI Platform selected above. See below for example:



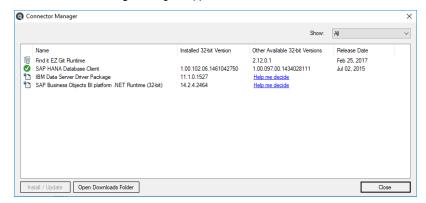
a. Right -click on the Business Intelligence source item to configure settings. A **Project Settings** dialog will appear as below:



- b. Click on the alert hyperlink in the upper right corner of the configuration window.
- c. OR from the main menu, select Tools -> Connector Manager



d. The Connector Manager dialog will appear as below:



- e. Select (highlight) the SAP BI Platform connector listed, then click on the Help me decide button or hyperlink text. A web page will load in your default browser. Follow instructions to select the compatible version for your environment, then download and install the required connector. See "Download Connectors" on page 288 for more information.
- Use the backup wizard from the main navigation menu Backup -> SAP BOE / Crystal Reports Server to download the RPT files from your CR XI server, saving the files locally. Select all Crystal Reports to be included in the upgrade during the backup process.
- 4. Repeat steps 1(c) through 2(e) above if necessary to switch to and install your new target SAP BI platform server connector.
- 5. Use the change datasource wizard to automatically change the datasource and upgrade the RPT files to Crystal Reports format based on the target SDK runtime you switched to use in step 4 above (by default, converted files are automatically upgraded to CR 2013 or newer format). No need to open and save each RPT file individually using Crystal Reports Designer.

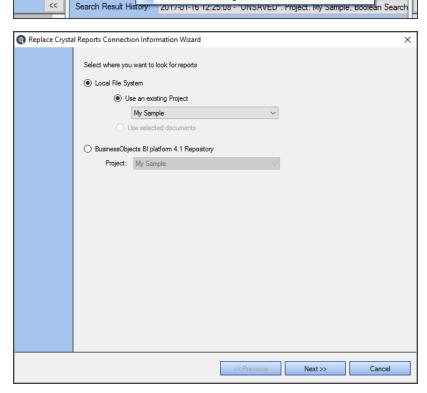
Project

e Replace Document Tools Help

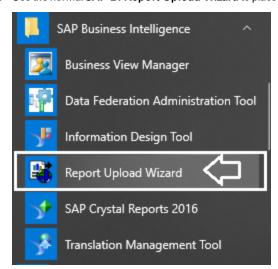
Crystal Reports Data source connections or qualified table names

BOE BI Database logon information

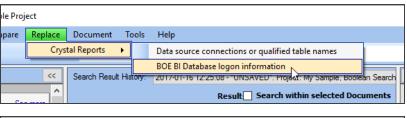
a. From the menu, select Replace -> Crystal Reports -> Data source connections or qualified table names .

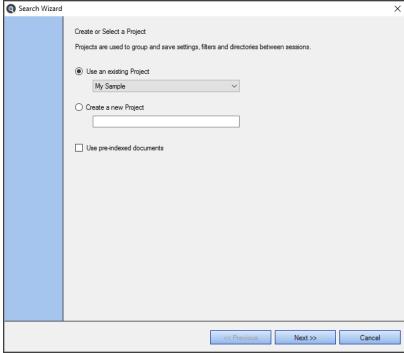


6. Use the normal SAP BI Report Upload Wizard to place all the converted RPT files into the new target BI Platform.



- 7. If necessary after upload, you can also use Find it EZ to set / reset login authentication on all uploaded RPT files within the new BI Platform repository.
 - a. From the menu, select Replace -> Crystal Reports -> BOE BI Database logon information .





See Also:

- "Download Connectors" on page 288
- "Configuration Wizard" on page 60
- "Replace Wizards" on page 152
- "Repositories" on page 87

Troubleshooting and Tips

This section will provide solutions to some workstation, custom network, or programming environment issues. Also included are some suggestions for frequently asked questions and common product use hints and tips.

Reduce False Positive Matches

Problem:

When dealing with a small number of documents, it is possible for a full-text-search engine to directly scan the contents of the documents with each query, a strategy called 'serial scanning.' This is what some tools, such as grep, do when searching.

However, when the number of documents to search is potentially large, or the quantity of search queries to perform is substantial, the problem of full-text search is often divided into two tasks: indexing and searching. All Find it EZ editions use this enhanced performance and more scalable approach.

The indexing stage will scan the text of all the documents and build a list of search terms (often called an index, but more correctly named a concordance). A concordance is an alphabetical list of the principal words used in a book or electronic document, listing every instance of each word with its context, including token type (e.g. comment, language keyword, etc.) and programming language specific scope (e.g. report page section, etc.). In the search stage, when performing a specific query, only the index is referenced, rather than the text of the original documents.

The indexer will make an entry in the index for each term or word found in a document, and note its relative position within the document

Free text searching is likely to retrieve many documents that are not relevant to the intended search question. Such documents are called false positives.

Solution:

Within Find it EZ, false positive matches can be significantly reduced using the following methods:

Local or Network Folders:

· "Add or Edit Search Path(s)" on page 78

Note: You can exclude sub-folders and / search specific individual or multiple paths.

"Include Archive Files" on page 81

Note: Archive files are excluded by default; including them will extract and search the contents of all files within the archive (e.g. "zip") file.

- "Exclude Files or Folders" on page 81
- "Local or Network Folders" on page 76

Repositories (Version Control Systems or Report Distribution Schedulers):

• "Select Repository Folders" on page 91

Note: You can limit the number and specific folder contents included.

"Apply Report Filter" on page 91

Databases:

· "Connection Information - Databases" on page 97

Note: You can search a subset of database objects.

· "Apply Database Item Filters" on page 100

Note: You can include a filtered set of database items, selected by name (tables, views, stored procedures, triggers, etc.).

· "Reset Search Defaults" on page 98

Reporting Utilities:

· "BI Reports" on page 105

Note: You can include specific report "(page) sections," "(search in) areas," and "search (elements)" unique to each report type.

 You can Use default settings (see link above) to reset the type of data searched to the most common code areas only by report type.

Documents:

· "Microsoft Excel Search Options" on page 114

Programs:

"Add or Remove File Extensions Searched" on page 110

Note: You can add or remove custom file extensions to be searched for text-based files.

See Also:

See Also:

- "Search Within Result Documents" on page 187
- "Set User Options" on page 51; note setting for "Limit the number of matches per object to" can be reduced from the default of 1000.
- "Perform a Regular Search" on page 161; note the settings available in the Options section Content Filters category.
- "Use the Expression Builder" on page 167; for assistance building complex Boolean queries.

Identify reports using a specified connection

Problem:

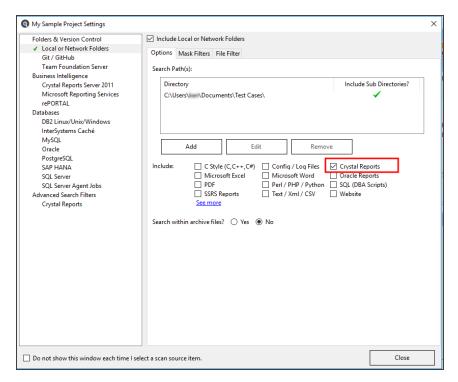
You need to determine if there are Crystal Reports using a specific ODBC connection to an underlying data source.

Solution:

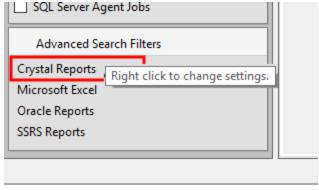
There are a couple of ways you can do this using Find it EZ.

Ensure that searching connection information is enabled in the Crystal Report settings:

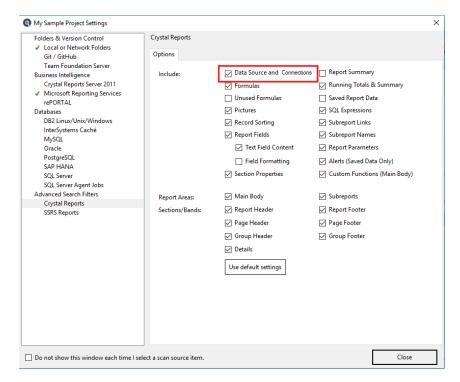
 In the Source Panel in one of the Folders & Version Control or Business Intelligence Platforms click to Include: Crystal Reports source, as below:



 Open the Crystal Reports project settings: right-click on Crystal Reports in the Advanced Search Filters section of the Source panel on the left



- OR - from the menu, select **Projects -> Settings -> Crystal Reports**



In the Search section, click to check the Data Source and Connections option

Then,

 Good - Run a Boolean search for {ODBC} AND {DSN}; where DSN is your DSN. That should find all of the reports with that connection.

OR

2. Best - Generate the "SQL Code Extract" Report which will list all of the connections used in your reports. You can then filter and sort the spreadsheet to those using ODBC and a certain connection.

Note: We cannot "follow the link" so to speak. Where a report is using an ODBC connection called PRODUCTION and that is pointing to dblive01, we will not be able to show you dblive01.

See Also:

- · "Perform a Regular Search" on page 161
- · "Reporting Tools" on page 238

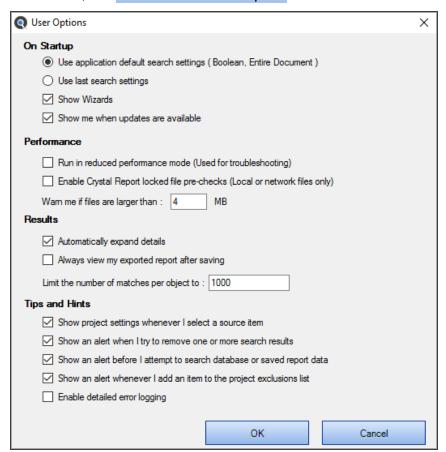
Program freezes when attempting to index Crystal Reports on a local or network file system

Problem:

When attempting to index a number of Crystal Reports files, the search panel animated gears appear to freeze and the index counter stops incrementing after a long period of time has elapsed.

Solution:

1. From the menu, select Tools -> Customize -> User Options .



2. In the Performance section, click to check the Enable Crystal Report locked file pre-checks (Local or network folders only) option.

This allows the Crystal Reports scanner to detect locked files during indexing and, if a file is currently open or locked, to make a temporary copy of the file before allowing Crystal Reports to open it. Note that this feature is disabled by default as it can affect performance.

Note: This feature is disabled by default as it can affect performance. It is recommended that you disable this performance troubleshooting option once the documents are successfully indexed.

Use of 7-Zip has been denied by your Administrator

Problem:

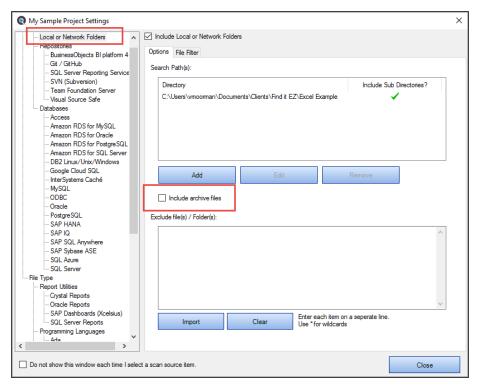
While indexing a project, you receive a Windows 10 message, which reads: Use of "7-Zip" has been denied by your Administrator...

Note: This message would be generated by security software and would appear in the lower right corner of the monitor, similar to other windows alerts.

This is a dependency / prerequisite built-in open source program that our application bundles and uses for processing the following document / source file types:

- Excel (xslx)
- MS Word (docx)
- SAP Dashboards (aka Xcelsius)

As well as if you have "Include Archives" checked off under the Local File System location and you have one or more archives in your search folders.



Solution:

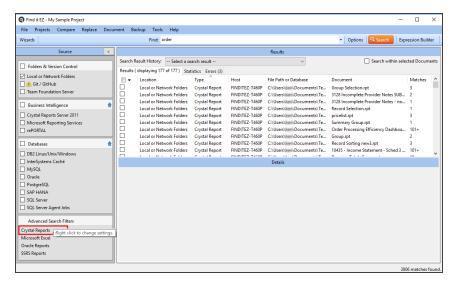
If a system administrator enforces a rule disallowing use of the 7-zip program, then either this restriction has to be removed by the sys admin OR the end-user unfortunately cannot search the above particular document types with Find it EZ.

Note: You may even get this message when attempting to install Find it EZ while logged onto a computer without Administrative rights. You will still be able to install the program, but use of the features requiring 7-zip will record an error and may cause the program to crash.

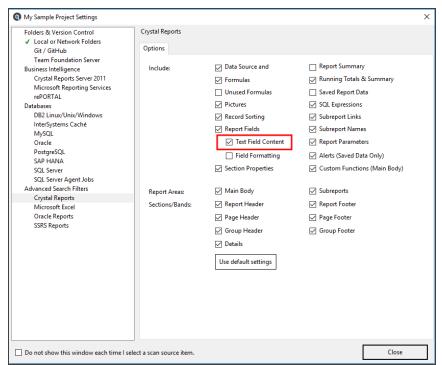
Find text in a text box in a Crystal Report

Searching of text field content is not enabled by default but can be enabled by doing the following:

 On the Source panel (on the left), right-click on "Crystal Reports" under the Advanced Search Filters section. This will bring up the Project Settings configuration dialog for Crystal Reports.



Alternatively, you can get to this window from the menu as follows: **Projects -> Settings**, then click on "Crystal Reports."



- 2. Click to check the **Text Field Content** option.
- 3. Click on the Close button.
- 4. The next time a Crystal Reports document search is done it will include content within text boxes.

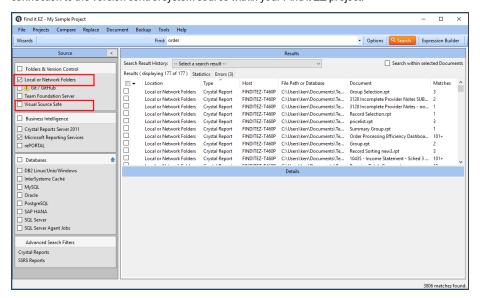
List of VSS folders slow to load

Problem:

When configuring a Visual Source Safe in particular, retrieving a list of folders to search within a selected branch can take a long time to load. This can also be the case with other source code version control systems.

Solution:

Rather then using a native connection to the version control system within Find it EZ project source settings, alternatively, you can recursively pull a copy of a branch using the native version control system client to save a temporary copy of all folders and files to your local workstation. Then, configure searching the local copy of the documents using the "Local or Network Folders" path rather than a connection to the version control system source within your Find it EZ project.



This will eliminate the overhead and latency with use of the vendor connector API as well as any possible network bottlenecks when retrieving remote folders and documents.

Note: The downside to this alternative is that you would have to ensure you refresh your local copy of files as needed. However, Find it EZ indexing / index refresh will be dramatically improved using this two step approach.

Find it EZ Support

This section describes the many support options available with Find it EZ, how to report a bug, or a request a feature to Find it EZ Software Corp.., and how to view or send your session log.

Support Options

Support Option	Navigation
Contact Find it EZ Software Corp.	https://www.finditez.com/support/#contact
Frequently Asked Questions	https://www.finditez.com/support/#faq
Search Knowledge Base	https://www.finditez.com/support/#kb
Syntax and Examples	https://www.finditez.com/support/#syntax
Request a Demo	https://www.finditez.com/support/#demo
Watch Instructional Videos	https://www.finditez.com/resources/#by_video
View Session Log	From the program menu, select Tools -> View Session Log . The session log will open in Notepad. Each event line will start with the event date and time, followed by details.
Send Logs to Support	From the program menu, select Help -> Send Logs to Support
Check for Updates	From the program menu, select Help -> Check for Updates .

My Find it EZ Account

This section describes how to register for and manage your Find it EZ account, access software downloads, managing serial numbers, quotes, orders, and creating or reviewing support tickets status.

My Account

The **My Account** tab on the member website allows you to manage your contact information, update alerts, subscriptions, and change your password. This section will describe how to register for and log in to manage your Find it EZ account.

Once registered, you can log in to the secure member area of Find it EZ, where you can change your password, download product updates, update your email subscriptions, retrieve product activation keys, view order history, process payments, check on the status of or submit new support tickets.

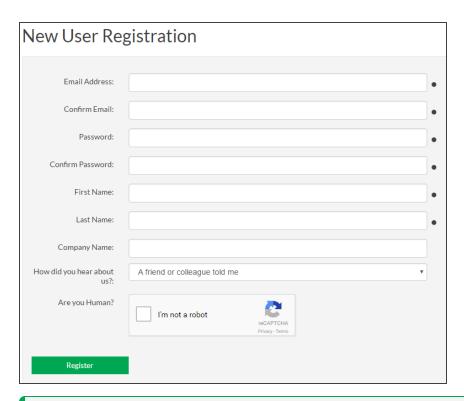
Register for a free Find it EZ member account:

Note: You must use a valid corporate e-mail domain address. Free or blacklisted email domains (e.g. gmail, hotmail, etc.) are not accepted. This includes your primary e-mail address associated with a social account (LinkedIn, Twitter, Google Plus, or Facebook

There are three ways to register for a Find it EZ member account.

Option 1:

- 1. Visit https://www.finditez.com/register.
- 2. Fill in the New User Registration form.



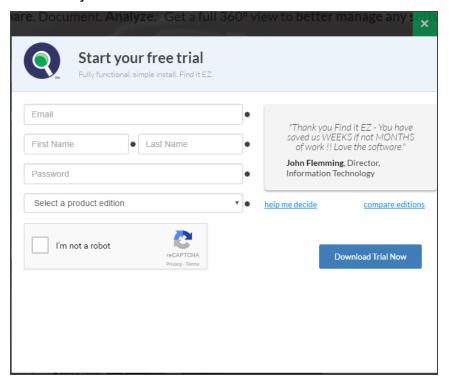
Note: Items with dots are required. The **Are you Human?** option must also be checked.

- 3. Click on the Register button. A verification email will be sent to the provided email address.
- 4. To complete your registration, click on the link in the email . The website will open and you will be logged in automatically.

Option 2:

- 1. Register for a free trial following these steps:
- 2. Visit https://www.finditez.com and click on any one of the trial download links or buttons.

3. Fill in the Start your tree trial form.



4. Click on the Download Trial Now button. A separate welcome and trial key emails will be sent to the provided email address.

Option 3:

Use one of your social media accounts to sign-in following these steps:

- 1. Visit https://www.finditez.com/login.
- 2. Click on any one of the available social account sign-in buttons located on the right. See below:



3. When prompted, accept the social account access. The secure member site will open with the **My Account** tab selected and a welcome email will be sent to your associated email address with a random password assigned.

Alert: We highly recommend that you change the temporary password as soon as possible.

Note: New login accounts are automatically associated with and linked to a pre-existing company account based on matching corporate email domain. This provides instant shared access to internal support tickets and serial numbers for a given entity.

Log In to Your Find it EZ Member Account

There are two ways to log into the secure member area:

Option 1:

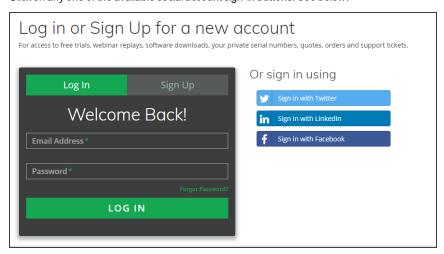
To log in to your Find it EZ member e-mail account, follow these steps:

- 1. Visit https://www.finditez.com/login.
- 2. Enter your account Email Address and Password.
- 3. Click on the Log In button. The secure member site will open with the My Account tab selected.

Option 2:

To sign-in with one of your social accounts linked to your email address, follow these steps:

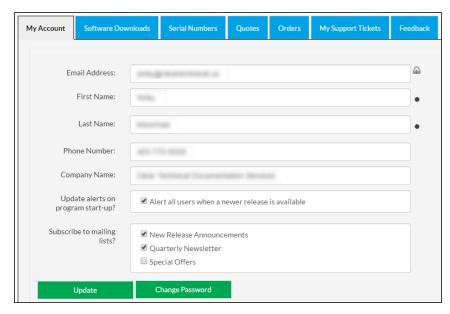
- 1. Visit https://www.finditez.com/login.
- 2. Click on any one of the available social account sign-in buttons. See below:



3. If prompted, accept the social account access. The secure member site will open with the My Account tab selected.

Update Account Details and Preferences

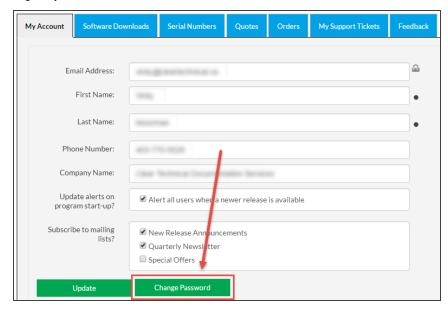
- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, make changes as desired.



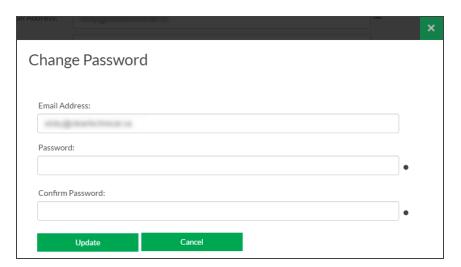
3. Click on the **Update** button to save.

Change Account Password

1. Log in to your Find it EZ Member Account.



2. On the My Account tab, click on the Change Password button. A Change Password dialog box will appear.



- 3. In the Password and Confirm Password fields, enter and confirm the new password.
- 4. Click on the **Update** button to save your changes.
- 5. Click on the X button to close the Change Password dialog box.

Manage Linked User Accounts

Add New Account Contacts

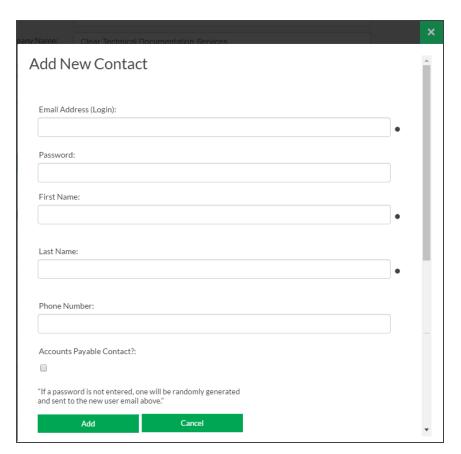
To add additional end-users associated with your company, so that they may have direct access to download software updates, self-serve license key management and support, simply follow the steps below:

Note: Only the primary company account contact can make these changes.

- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, scroll down to locate the Linked User Administration section.



3. In the User column, click on the Add more link. The Add New Contact dialog box will appear.



4. Enter information for the new contact.

Note: You must use a valid corporate email domain address. Free or blacklisted email domains (e.g. gmail, hotmail, etc.) are not accepted.

Note: Accounts payable contacts have access to view and remit secure online payment for orders and/or quotes, regardless of which company contact created the order.

5. Click on the Add button to save. If a password was not entered, a temporary one will be sent to the new contact.

Alert: We highly recommend that the new contact logs in and changes his / her temporary password as soon as possible.

6. To add another contact, click on the Add Another button and repeat steps 4 and 5 above. Or, click on the Cancel or X button to exit.

Change Prime Account Contact

Note: Only the primary company account contact can make this change. Once changed, all notifications, renewal alerts, etc. are sent to the new contact automatically.

- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, scroll down to locate the Linked User Administration section.



- 3. In the Prime Contact column, click to choose the new prime/admin contact.
- 4. Click on the Change Prime Contact button to save your change. See example below:



Remove an Account Contact

If a staff member is no longer with your organization or department, you can remove access to your Find it EZ company licenses and product order information (applicable to accounts payable contacts only) as follows:

 $\textbf{Note:} \ \textbf{Only the primary company account contact can make these changes}.$

- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, scroll down to locate the Linked User Administration section.



- 3. Locate the name of the contact you want to remove from your account.
- 4. In the far right column, click on the corresponding **Remove** link. A confirmation message will appear.



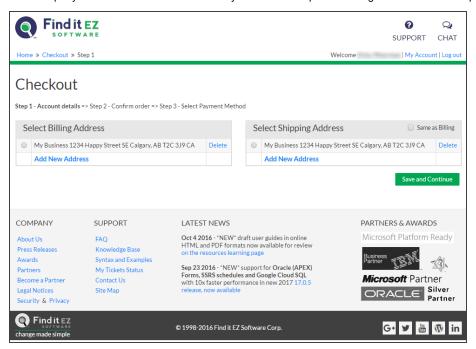
5. To remove the selected contact, click on the Yes button. The contact will be removed from the list.



6. To cancel, click on the No button.

Manage Company Address Records

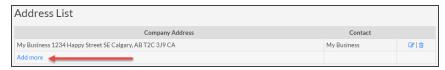
Your company address records are automatically added and/or updated during the order check-out process.



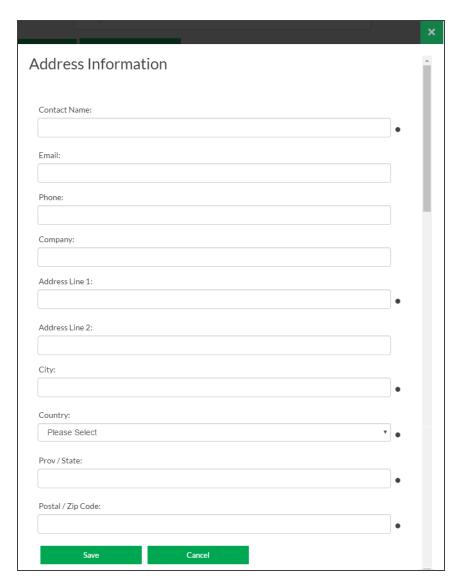
In addition to being able to select, add, or update address records using our secure cart check-out process, any active contact may also add, update, or remove address records that are linked to the company profile. These changes are immediately reflected and available for subsequent online orders placed.

Add Company Address

- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, scroll down to locate the Address List section.



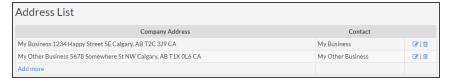
3. In the Company Address column, click on the Add more link. The Address Information dialog box will appear, as below:



4. Enter or select company location information.

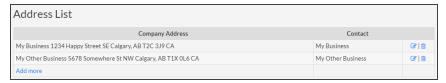
Note: Items with a dot are required.

5. Click on the Save button. The new address will be added to the list.

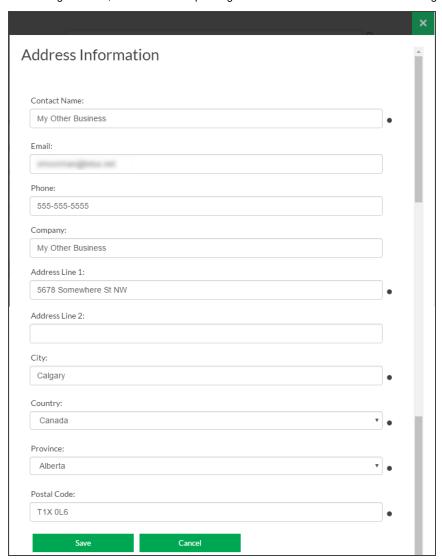


Update Company Address

- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, scroll down to locate the Address List section.



- 3. Locate the address you want to edit.
- 4. In the far right column, click on the corresponding edit icon. The **Address Information** dialog box will appear.



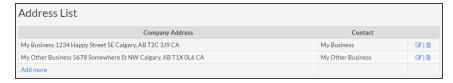
5. Change company location information as desired.

Note: Items with a dot are required.

6. Click on the Save button.

Remove Company Address

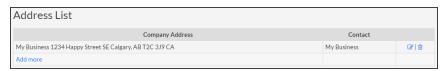
- 1. Log in to your Find it EZ Member Account.
- 2. On the My Account tab, scroll down to locate the Address List section.



- 3. Locate the address you want to delete.
- 4. In the far right column, click on the corresponding delete icon. A confirmation message will appear.



5. To delete the selected company address, click on the Yes button. The address will be removed from the list. See below:



6. To cancel, click on the No button.

Software Downloads

The **Software Downloads** tab on the member website allows you to download new releases and connectors and to view release notes and system requirements.

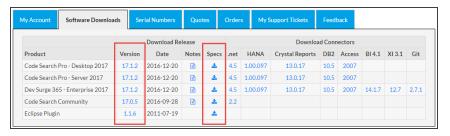
Download Release Version

From the Program:

1. See "From the Find it EZ menu, select Help -> Check for Updates." on page 27

From the Website:

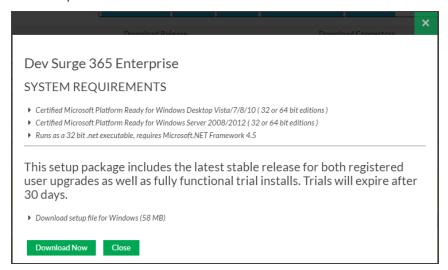
- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Software Downloads tab. A list of product releases and optional connectors will appear.



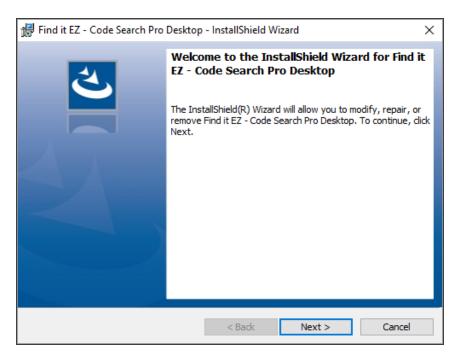
- 3. Locate the product and release version that you want to download.
- 4. Download the product as follows:
 - a. In the **Version** column, click on the product release number for the corresponding product row. The release setup file will begin to download.

OR

b. In the **Specs** column, click on the download icon for the corresponding product row. The system requirements will be provided. Click on the **Download Now** button and the corresponding release setup file will begin to download. See example below:



5. Locate and launch the downloaded *.exe setup file from your target system. A Find it EZ **InstallShield Wizard** dialog box will appear.



- 6. Click on the Next button.
- 7. Read and follow the installation instructions.
- 8. When complete, click on the Finish button.

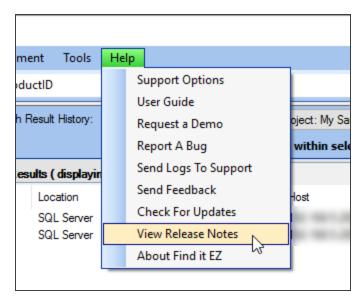
 $\textbf{Note:} \ \text{The same product setup files are used for both trials as well as full release or upgrade installs.}$

See Also:

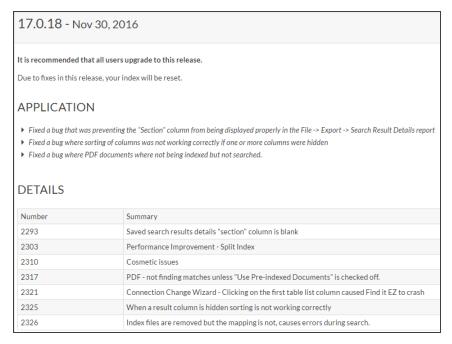
- "Download Connectors" on page 288
- "View Release Notes" below
- "View System Requirements" on page 286
- "Installation, Activation, and Updates" on page 3

View Release Notes

From the Program:



1. From the Find it EZ menu, select | Help -> View Release Notes | Release Notes will open in a new browser window showing the most recent information first.



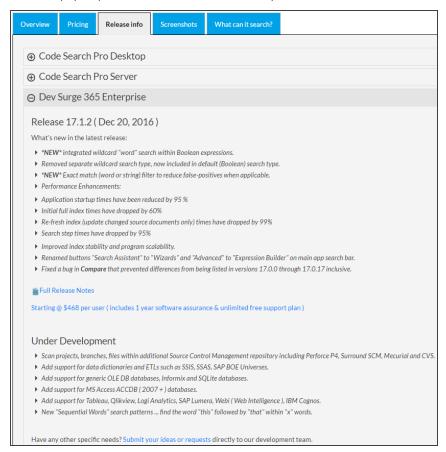
- 2. Scroll down to view historical notes.
- 3. To close Release Notes, close the browser tab or window.

On the Public Website:

1. Visit https://www.finditez.com/products/#release.



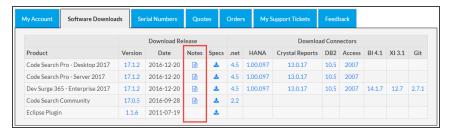
2. Click the + (expand) button to view details for the desired product edition.



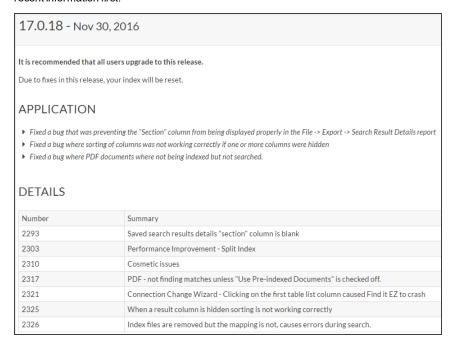
3. View a summary of the latest release highlights, and click on the Full Release Notes link for more detail.

On the Member Website:

- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Software Downloads tab. A list of product releases and optional connectors will appear.



- 3. Locate the product release for which you want to view release notes.
- In the Notes column, click on the corresponding note icon. A Release Notes dialog box will appear showing the most recent information first.



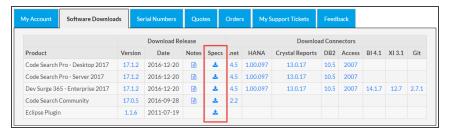
- 5. Scroll down to view historical notes.
- 6. To close the **Release Notes** dialog box, click on the X button.

View System Requirements

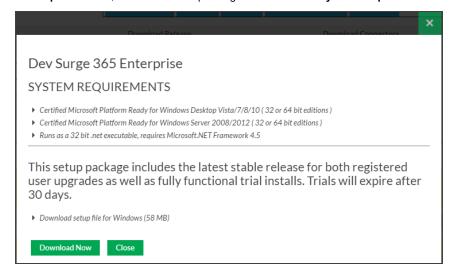
All editions of Find it EZ programs require a Microsoft Windows operating system that can run .net 4.5 or newer. For detailed technical specifications, see https://msdn.microsoft.com/en-CA/library/8z6watww. For individual edition requirements, see below.

On the Website:

- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Software Downloads tab. A list of product releases and optional connectors will appear.



- 3. Locate the product release for which you want to view system requirements.
- 4. In the Specs column, click on the corresponding download icon. A System Requirements dialog box will appear.



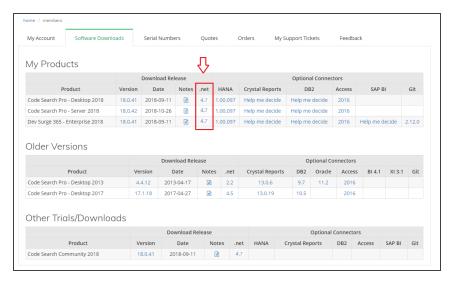
- 5. To download the selected product release, click on the **Download Now** button.
- 6. To close the **System Requirements** dialog box, click on the **X** button.

Download .NET Framework

Alert: The .NET framework connector is required. If you do not have the required .NET 4.7.2 pre-installed, you will be prompted to download this prerequisite from Microsoft. We provide an alert and link to the appropriate download page depending on the Windows operating system you are running. The program will not launch until .NET 4.7.2 is installed.

On the Website:

- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Software Downloads tab. A list of product releases and optional connectors will appear.



- 3. Locate the product release for which you want to download the .NET framework.
- 4. In the .net column, click on the corresponding .NET version number. A Microsoft.NET Framework dialog box will appear.

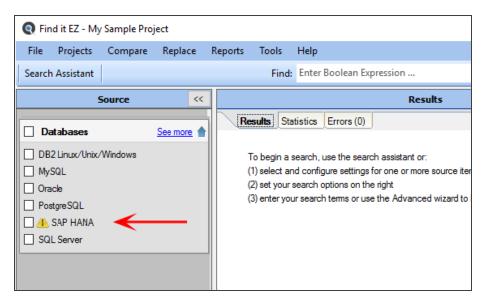


- 5. To download the selected version from the Find it EZ server, click on the **Download Now** button. OR
- 6. To download the selected version directly from Microsoft, click on the directly from Microsoft link.
- 7. To close the Microsoft.NET Framework dialog box, click on the Close or X button.

Download Connectors

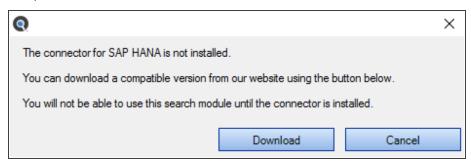
Source items that require a connector will appear with a small warning icon preceding the name. See example below:

Note: Some connectors are required (e.g. '.net') but others are optional (depending on whether or not you want to search a particular document type that then needs a corresponding vendor supplied connector). After product install on first run configuration wizard for setting up your environment, if you select one or more source items that require connectors, the wizard will prompt you to auto-download and install them. If you do not do so, or later add a source item, you will note that it has a yellow alert triangle icon next to it in the left (**Source**) panel. If you attempt to include such a source item in a project, you will be prompted to auto download and install the required connector.



Click on the source item / warning to download the associated connector.

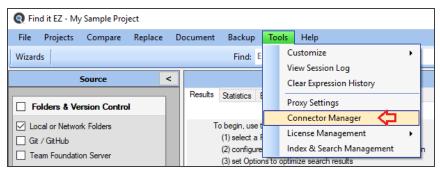
If you try to initiate a search that includes a selected source lacking a required connector, an error message will be generated. See example below:



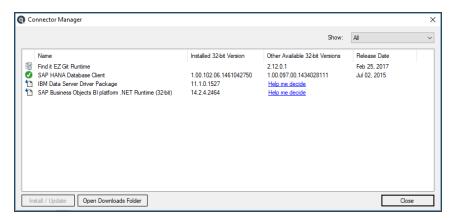
From the Program:

Note: Downloading and installing a connector will require local administrative rights on your system.

1. From the Find it EZ menu, select Tools -> Connector Manager



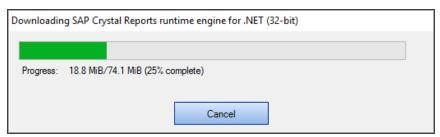
A Connector Manager dialog will appear.



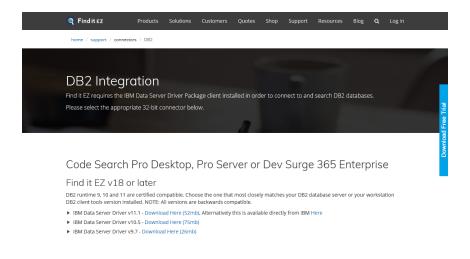
Optionally select one of the **Show** drop down options to filter the list. For example, selecting the option **Missing** will display a list of required connectors that have not yet been installed based on the source items you have configured using the **Configuration Wizard**.

Note: Items with a check-mark icon onext to them indicate you have the minimum or newer connector version detected as already installed on your system.

3. Click on any one of the items with an install icon then click the Install / Update button. The connector will begin downloading.



- a. Once downloaded, a Find it EZInstallShield Wizard will appear.
- b. Click on the Next button.
- c. Read and follow the instructions provided.
- d. When complete, click on the Finish button.
- 4. OR, click on any one of the items with a download compatible version icon , then click the Help me decide button or hyperlink for that item. This will launch your browser and open a page on the Find it EZ Software Corp. website to help you select the correct version of the connector based on other related software installed on your workstation. For example, clicking on the "IBM Data Server Driver Package" for the required DB2 connector will take you to this page, see below:



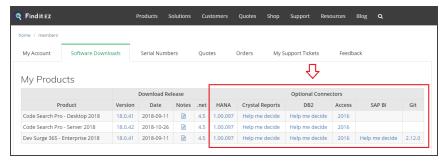
5. Follow the instructions on the website page to select, then download and chose to either save or run the corresponding setup package depending on your browser and network security permissions.

Note: If you chose to save the setup package to your local system, you will then need to locate and run it with administrative rights once the download completes successfully.

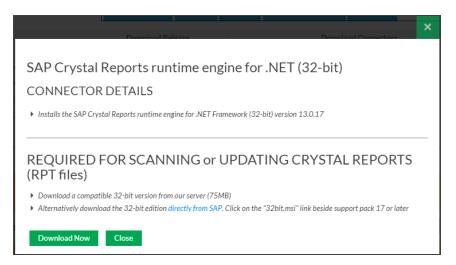
Tip: The Open Downloads Folder button will contain all downloaded Find it EZ setup packages within this default path: C:\ProgramData\Bits n Bytes Software Inc\Installers. To keep all related downloads organized for re-use, it is recommended that you save these "version compatible" connector setup packages to this specific folder location as well.

On the Website:

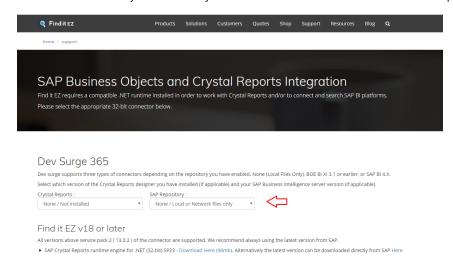
- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Software Downloads tab. A list of product releases and optional connectors will appear.



- ${\it 3.} \quad Locate \ the \ product \ release \ for \ which \ you \ want \ to \ download \ a \ connector.$
- 4. In the Optional Connectors section of the table, click on the corresponding hyperlink in the desired connector column. For all hyperlinks that do not contain the text Help me decide, a Connector Details dialog box will appear. See example below:



- 5. To download the selected version from the Find it EZ server, click on the **Download Now** button. OR,
- Where applicable, to download the selected version directly from Microsoft (i.e. Access) or directly from SAP (i.e. Crystal Reports), click on the directly from Microsoft or directly from SAP link, respectively. See example above.
- 7. The connector will begin downloading.
 - a. Once downloaded, a Find it EZ InstallShield Wizard will appear.
 - b. Click on the Next button.
 - c. Read and follow the instructions provided.
 - d. When complete, click on the Finish button.
- 8. To close the **Connector Details** dialog box, click on the **Close** or **X** button.
- 9. OR, in the **Optional Connectors** section of the table, if you chose any connector with the hyperlink text **Help me decide**, a website page will display with instructions to guide you through selecting a compatible version depending on related software that may be installed on your workstation or network environment. See example below:



10. Follow the instructions on the web page to filter the recommended compatible version of the connector to be installed.

 Once the recommended connector download link is displayed, click to download and chose to either save or run the corresponding setup package depending on your browser and network security permissions.

Note: If you chose to save the setup package to your local system, you will then need to locate and run it with administrative rights once the download completes successfully.

See Also:

- "Check for Updates" on page 26
- "Download Release Version" on page 281
- · "Download .NET Framework" on page 287

Serial Numbers

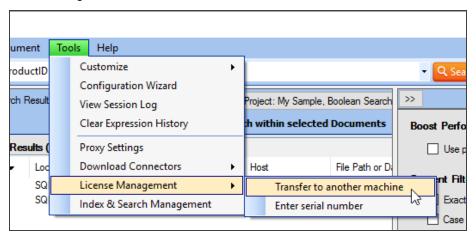
The **Serial Numbers** tab on the member website allows you to manage or transfer your current Find it EZ product license, obtain a new trial license, activate or manually activate a product, review software assurance plans and license type options.

Follow the steps below to view your current Find it EZ product serial numbers.

View or Transfer Current License

Alert: You must have an active maintenance plan in order to request a license transfer. License transfers require review and approval. Reviews are completed within one business day, upon which you will receive a confirmation email either approving or declining the request. Once transferred, the Find it EZ program must be uninstalled from the old workstation.

From the Program:



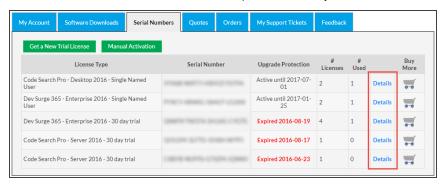
1. From the Find it EZ menu, select **Tools -> License Management -> Transfer to a new machine**. A confirmation message will appear, as below:



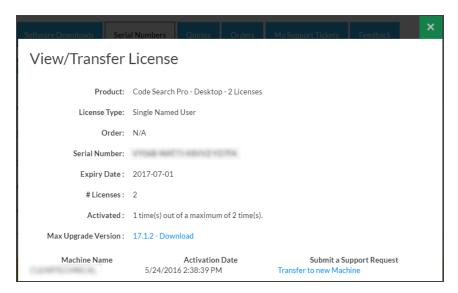
- 2. Click on the **OK** button to shut down Find it EZ on the current machine. A request will be automatically sent to Find it EZ product support, and you will receive a confirmation email once the transfer request has been reviewed and processed within one business day.
- 3. Open your e-mail and follow the instructions to transfer the license to a new machine.

On the Website:

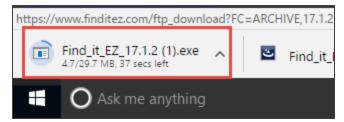
- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Serial Numbers tab. Locate the product for which you want to view or transfer a license.



3. Locate your active license in the list and click on the corresponding **Details** link. A **View / Transfer License** dialog box will appear.



4. To download the most recent upgrade available for the selected license, click on the Max Upgrade Version: [Version #] Download link. The corresponding setup file will begin to download. See example below:



5. To transfer the license to a new machine, click on the **Transfer to new Machine** link. A confirmation message will appear, as below:

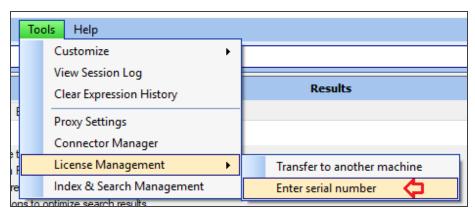


To close this message, click on the **OK** button.

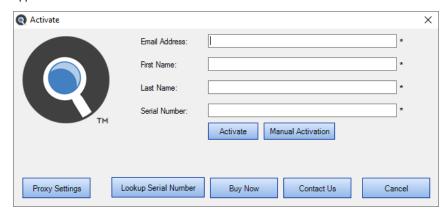
6. To close the **View / Transfer License** dialog box, click on the **X** button. You will receive a confirmation email once the transfer request has been reviewed and processed within one business day.

Enter New Serial Number

From the Program:



From the Find it EZ menu, select Tools -> License Management -> Enter serial number. The Activate dialog box will appear.



2. Fill in the required information.

Note: If access to the Internet is protected by a proxy firewall within your network, click on the **Proxy Settings** button and enter the required credentials before clicking the **Activate** button. For more information, see "View or Edit Proxy Settings" on page 8

Note: Input fields with an "*" are required.

3. Click on the Activate button.

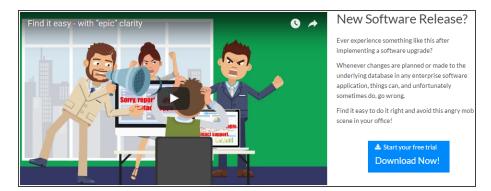
See Also:

• "Activate License" on page 19

Get a New Trial License

On the Public Website:

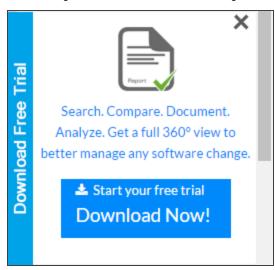
Visit https://www.finditez.com/ and click on any of the "download trial" links:



The following trial download form is available in the footer area of all web pages:



The following slide-out menu is available on the right-hand side of all but the home page:



OR

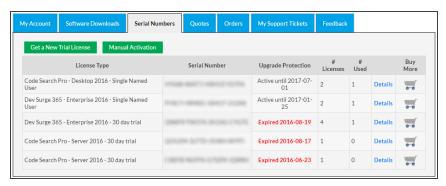
Visit https://www.finditez.com/freetrial for direct access to the Start your free trial download form.



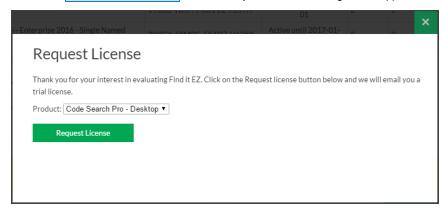
- 1. Complete the form and click to select the desired product edition.
- 2. Click on the **Download Trial Now!** button. If eligible, your trial setup file will begin to download and a confirmation email with your trial key will be sent to the email address provided.

On the Member Website:

- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Serial Numbers tab.



3. Click on the Get a New Trial License button. A Request License dialog box will appear.



- 4. From the drop-down list, select the product for which you want to request a trial.
- 5. Click on the Request License button. The trial license information will be sent to your account e-mail address.
- 6. Open your e-mail. Note the trial license serial number and click on the **Download Now** button.

See Also:

- · "Activate License" on page 19
- "Activate License Manually" on page 21

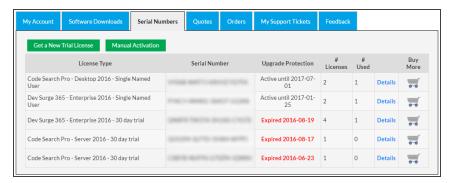
Purchase Licenses

On the Public Website:

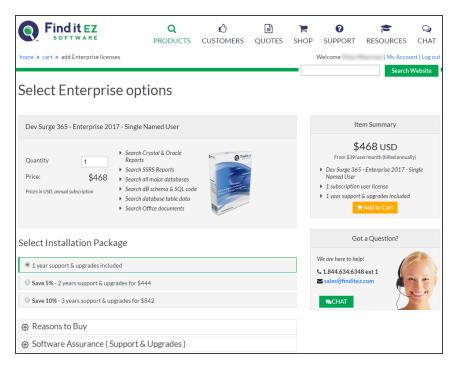
See "Create a New Order" on page 316

On the Member Website:

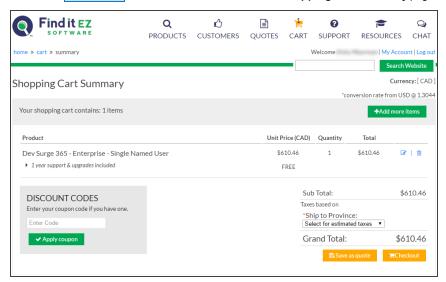
- 1. Log in to your Find it EZ Member Account.
- 2. Click to select the Serial Numbers tab.
- 3. In the License Type column on the left, locate the product edition for which you want to purchase additional licenses.



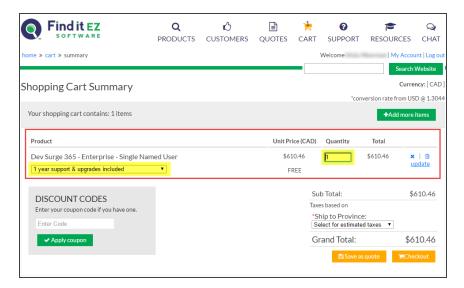
4. In the **Buy More** column, click on the corresponding shopping cart icon. The **Select Enterprise options** form will appear. See example below:



- 5. Enter the desired Quantity.
- 6. In the Select Installation Package section, click to choose the desired package / software assurance option.
- 7. Click on the Add to Cart button. You will be directed to the Shopping Cart Summary page. See example below:



- 8. To add more items, click on the + Add more items button.
- To edit or delete an item, click on the corresponding icon located to the right of each item. The Installation Package (drop-down) and Quantity (text box) will become editable. See example below:



Make changes, as desired, and click on the Update link to save.

- 10. Where applicable, enter a discount code and click on the Apply coupon button.
- 11. To save the item(s) as a quote, click on the Save as quote button.
- 12. To buy the selected product(s) now, click on the Checkout button.

Software Assurance Plans

There are two types of licenses and corresponding maintenance (software assurance) plans:

Code Search Pro (Desktop and Server)

- · Perpetual licenses. First year software assurance included.
- After year 1, software assurance is optional. However, if you do not renew and want access to an upgrade (newer release
 than the last one available when your software assurance lapsed), you must buy a new license. Upgrade discounts may be
 considered at our discretion on a case by case basis.

Dev Surge 365

- · SaaS licenses. Software assurance included.
- Renewal is mandatory for use of the software. Otherwise, once your subscription expires, the software stops working.

What Software Assurance includes:

- Unlimited support incidents. Direct access to our support (development) team via phone, WebEx, remote desktop, email, etc
- Ability to request a license transfer (approval only possible if on an active software assurance plan). This can be required if
 on change of employee or reconfiguration / major upgrade of the workstation (e.g. newer operating system, change of workstation name on the company domain, major hardware upgrade such as hard drive, etc.).
- · Access to new software release upgrades.

Software assurance is typically quoted / invoiced for a one year period. During payment remittance, you can choose to take advantage of extending your software assurance period to:

- Save 5% for 2 year; 10% for 3 year plans.
- Enjoy the convenience of only have to renew every 2 or 3 years instead of annually.

- · Coordinate with a PO process to reduce overhead and approval requirements.
- · Take advantage of available surplus budget when possible.

For more information about our software assurance plans:

- Visit https://www.finditez.com/cart/ and click on the Support and Upgrades or the License Information links at the top of the Product Catalog page for more detail and definitions.
- Click on any Select Options button for a product line item. Note that you can get a discount on extending your pre-paid support plan. Click to expand the Software Assurance tab.

Annual Renewals

Annual renewal notices are sent as follows for existing customers:

If, on the final payments remittance page, you chose to "auto-renew," then you will be invoiced and will receive this invoice 45 days prior to your software assurance plan expiry date. If payment is not remitted, reminders are auto-sent 3 weeks (21 days) and again 3 days prior to support expiry. If payment is still not received, an overdue notice is sent 5 days after support expiry and collection action may commence.

If you do not check the "auto-renew" setting, then you will simply receive a renewal quote 3 months (90 days) prior to your software assurance plan expiry date. Reminders are sent 21 days and 3 days prior to support expiry.

If payment is not received after your software assurance plan expiry date, this lapse effect does the following:

- Code Search Pro: Keeps working, but no support responses and can no longer transfer the licenses. The member down-loads panel changes to add a section for "older versions" so that you have access to download the max version you are eligible to use.
- · Dev Surge 365: Stops working.

License Type Options

For further information about licensing, please contact support@finditez.com.

License types for Find it EZ products

Find it EZ products are either sold or leased under two distinct license plans:

- Perpetual Permanent right to use license is purchased. First year software assurance is included with access to all minor and major upgrades for free. Optional software assurance.
- Software As A Service (SaaS) Annual renewable contract lease plan. If your contract is not renewed, the product can no longer be used and all licenses are automatically disabled upon expiry of the contract term.

Under either plan, there are also two available end-user license types to chose from:

- Name User Licenses (NULs) Each license is associated with a single, unique windows user login and host machine combination. NULs are transferable between machines and/or users but must go through an automated transfer request, vendor review and approval process at the sole discretion of Find it EZ.
- Concurrent Access Licenses (CALs) Each license is associated with a Windows host machine, but floating amongst all
 domain users. Also commonly known as floating licenses. Only limited in use to the maximum number of concurrent connection (licenses) purchased.

Alert: For further information about licensing, please contact support@finditez.com.

Note: Dev Surge 365 Enterprise is only available in on-premise Software As A Service - Named User Licenses.

See Also:

"License Agreements and Statements" on page 328

Quotes

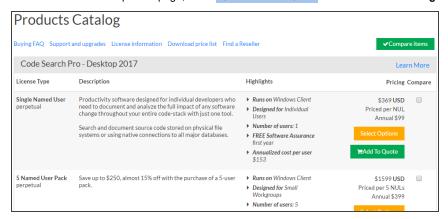
A quote is a 15 day price guarantee with no obligation to pay by the customer. The **Quotes** tab on the member website allows you to compare products, create and view quotes, and pay for a quote.

Create a New Quote

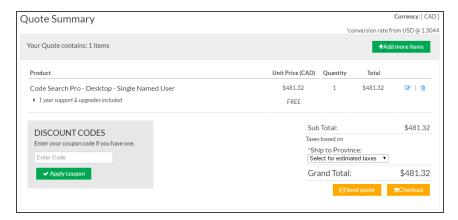
1. Visit https://www.finditez.com/.



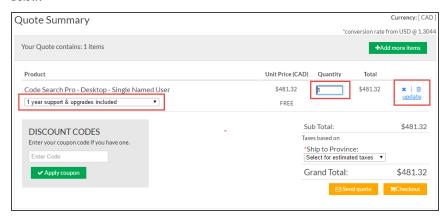
2. From the menu at the top of the page, select Quotes -> New Quote . The Products Catalog will appear.



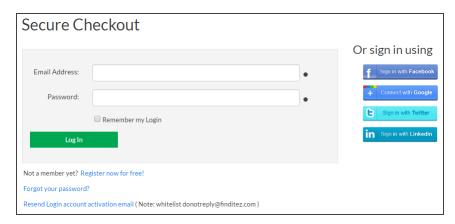
- 3. Using the vertical scroll bar, locate the product that you want to add to a quote.
- 4. Click on the corresponding green Add to Quote button. A Quote Summary page will appear.



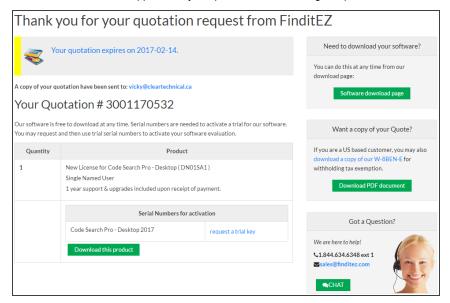
- 5. To add more items, click on the green + Add More Items button. The Products Catalog will appear (see above).
- To edit or delete an item, click on the corresponding blue edit or delete icon located to the right of each item. See example below:



- a. Change the Quantity or Software Assurance selection, as desired.
- b. Click on the **Update** link to save your changes.
- 7. Where applicable, enter a **Discount Code** and click on the **Apply Coupon** button.
- 8. To send the quote to Find it EZ Software Corp., click on the **Send Quote** button.
- 9. If you are not already logged into the Find it EZ website, you will be prompted to login in order to save a copy of the quote. See below:



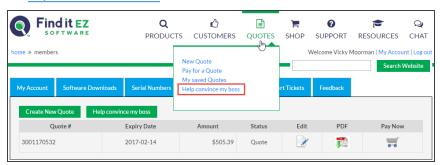
10. A confirmation screen will appear with your quote information along with product trial download links. See example below:



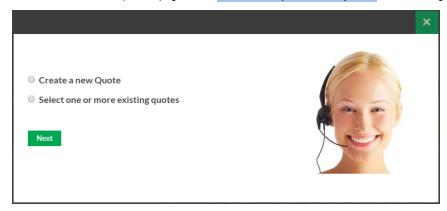
Help Convince My Boss

One or more quotes can be created and forwarded directly to the manager or department head responsible for budget approval. This wizard walks through a few questions to create a template email with one or more saved quotes automatically attached to it. This can simplify the budget approval process by comparing your industry and adjacent technologies to our existing client base, providing a list of benefits along with examples of competitors or similar companies that use Find it EZ.

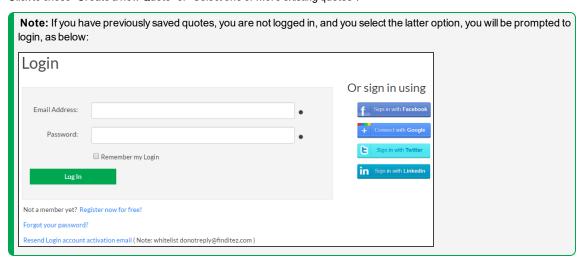
1. Visit https://www.finditez.com/.



2. From the menu at the top of the page, select **Quotes -> Help convince my boss**. The following wizard step 1 will appear:



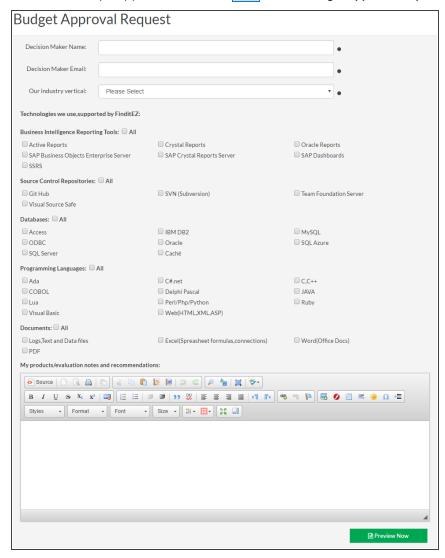
3. Click to chose "Create a new Quote" or "Select one or more existing quotes".



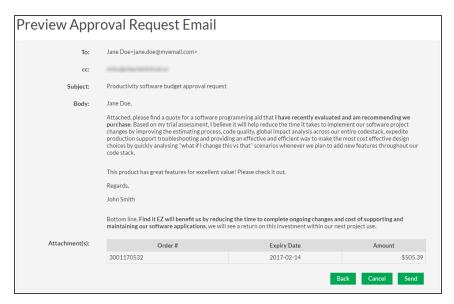
4. Once you have created a new quote or logged in to your Find it EZ account, you will be prompted to select one or more quotes to attach to the e-mail. See example below:



Select the desired quote(s) and then click on the Next button. A Budget Approval Request form will appear, as below:

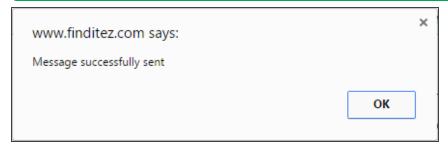


5. Fill in the **Budget Approval Request** form. Items with a dot are mandatory. You will have an opportunity to review and change the contents of the generated email prior to sending. The more data provided in the form, the more complete the generated email template will be. Once complete, click on the **Preview Now** button.



6. To make changes to the email body produced, click on the **Back** button and repeat step 5. If the contents are approved, click the **Send** button. To abort, click the **Cancel** button.

Note: If you cancel the process, but had created a new quote in step 3, the quote will still be saved to your Find it EZ account.



View or Change Saved Quotes

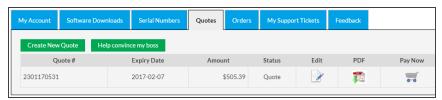
You may change the contents of a pending, open quote, including adding or removing items, increasing or decreasing item quantity, or changing the support length for individual items in the quote.



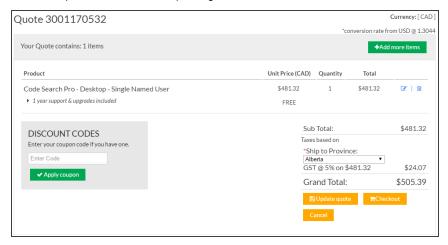
Visit https://finditez.com/. From the menu at the top of the page, select Quotes -> My Saved Quotes
 If you are not logged in, you will be prompted to do so for access to your saved quotes.



2. Log in to your Find it EZ member account. A table will appear showing the quote **Quote #**, **Expiry Date**, **Amount**, and **Status**.

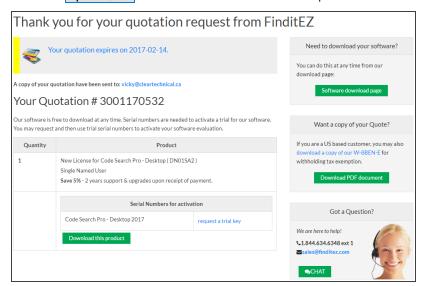


3. To edit the quote, click on the corresponding **Edit** icon.



Note: Only pending, unexpired quotes can be modified. If a quote is in a status that does not allow updating, you may create a new quote or contact Find it EZ sales support for assistance.

- a. Make changes as desired.
- b. Click on the Update Quote button to save and re-send the revised quote.



- 4. To download the quote in PDF file format, click on the corresponding PDF icon.
 - a. The quote will open as a PDF in a new browser window.
 - b. Download or Print the document as desired.

Pay for a Quote



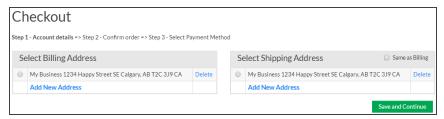
Visit https://www.finditez.com/. From the menu at the top of the page, select Quotes -> Pay for a Quote . If you are not logged in, you will be prompted to do so for access to your saved quotes.



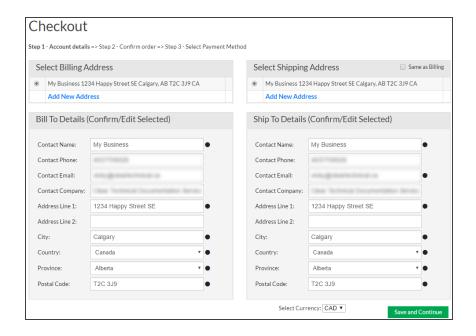
2. Log in to your Find it EZ member account. A table will appear showing the quote **Quote #, Expiry Date, Amount**, and **Status**.

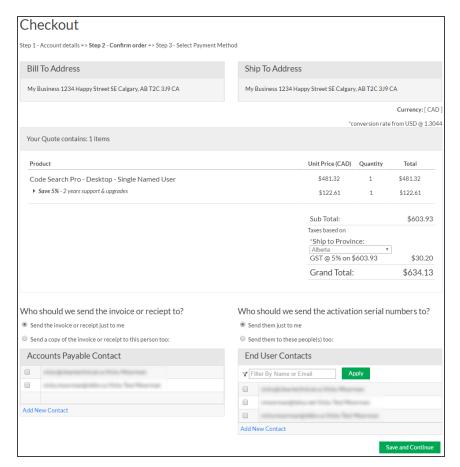


3. In the Pay Now column, click on the corresponding shopping cart icon. The Checkout dialog box will appear.

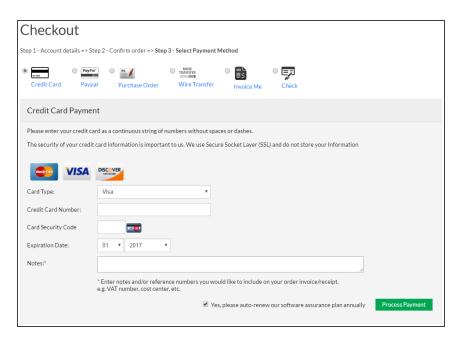


4. Select the Billing and Shipping Address, then click on the Save and Continue button.





5. Review and confirm the order, then click on the **Save and Continue** button.



6. Select and enter the method of payment.

Note: Payment by secure Credit Card or Paypal will immediately release full activation keys. Selecting payment by Check, Invoice Me, Wire Transfer, or Purchase Order will issue a net 30 day terms invoice.

Note: When paying by Purchase Order, you may upload an electronic copy of the purchase order document or email a copy to billing@finditez.com referencing your order # in the email subject or body.

7. Click on the **Process Payment** button.

Orders

An order generates a net 30 day invoice. Or, if the customer proceeds through secure check-out and remits payment online (via purchase order, credit card, or Paypal account), a receipt is issued along with immediately releasing activation keys. The **Orders** tab on the member website allows you to create and view orders.

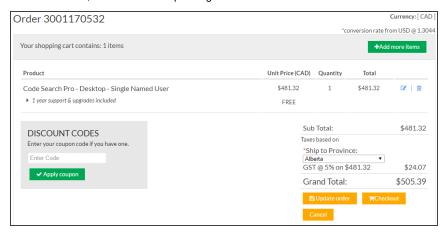
View or Change My Orders

You may change the contents of an order; including adding or removing cart items, increasing or decreasing item quantity, or changing the support length for individual items in the cart.

- 1. Log in to your Find it EZ Member Account.
- 2. Click on the Orders tab. All current orders on file will be listed.

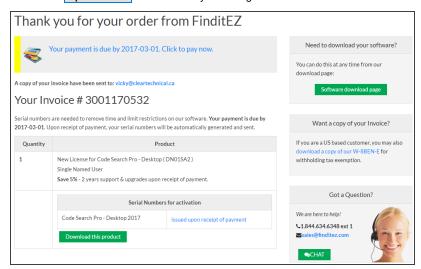


3. To edit the order, click on the corresponding Edit icon.

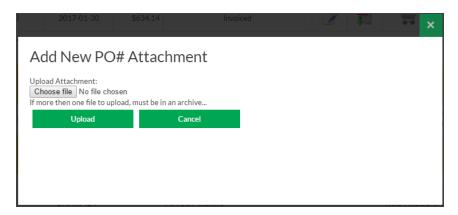


Note: Only pending, active, unpaid orders can be modified. If an order is in a status that does not allow updating, you may create a new order or contact Find it EZ sales support for assistance.

- a. Make changes, as desired.
- b. Click on the **Update order** button to save your changes.

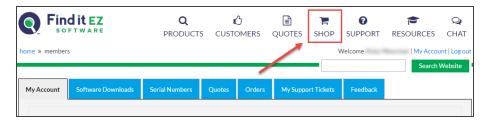


- 4. To download the order in PDF format, click on the PDF icon.
 - a. The order will open as a PDF in a new browser window.
 - b. Download or print the document as desired.
- To upload an electronic copy for an order where the payment method selected was by Purchase Order, click on the Add button under the PO column.



- a. Use the **Choose file** button to select the Purchase Order document from your system.
- b. Click on the **Upload** button to save a copy of the file.

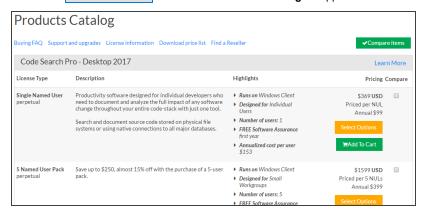
Create a New Order



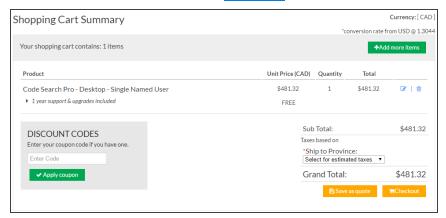
- Visit https://www.finditez.com/. From the menu at the top, select Shop.
 OR
- 2. Log in to your Find it EZ Member Account.
 - a. Select the Orders tab.



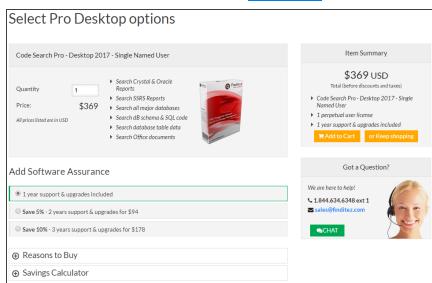
b. Click on the **Create New Order** button. The **Products Catalog** will appear.



- 3. Locate the product(s) you want to add to your order.
- 4. To select a product, click on the corresponding Add to Cart button. Go to step 6.



OR



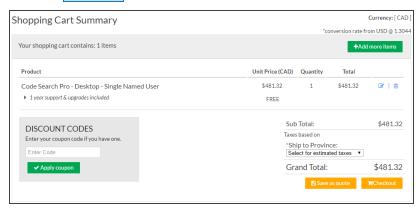
5. To select product options, click on the corresponding **Select Options** button.

- a. Review product information (bottom left) by clicking on the desired "+" to expand.
- b. Enter the desired Quantity.

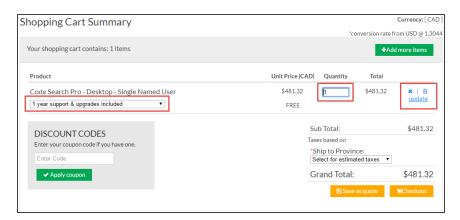
⊕ Software Assurance (Support & Upgrades)

⊕ License Types

- c. Choose the desired Software Assurance plan.
- d. Click on the Add to Cart button.



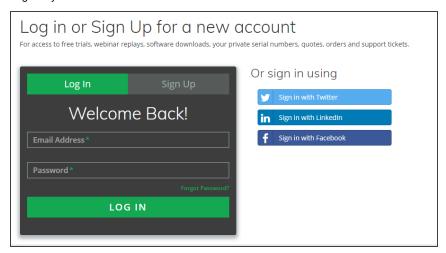
- 6. To add more items, click on the + Add More Items button. The Products Catalog will appear (see above).
- 7. To edit or delete an item, click on the corresponding icon located to the right of each item.



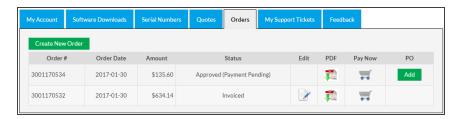
- a. Make changes to the Quantity or Software Assurance selection, as desired.
- b. To save your changes, click on the blue **Update** link.
- 8. Where applicable, enter a **Discount Code** and click on the **Apply Coupon** button.
- 9. To save the order as a quote, click on the Save as quote button.
- 10. To pay for the order, click on the Checkout button.

Pay for an Order

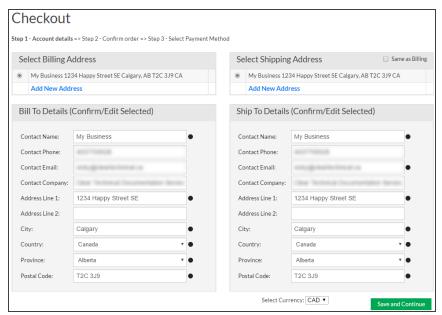
1. Log in to your Find it EZ Member Account.



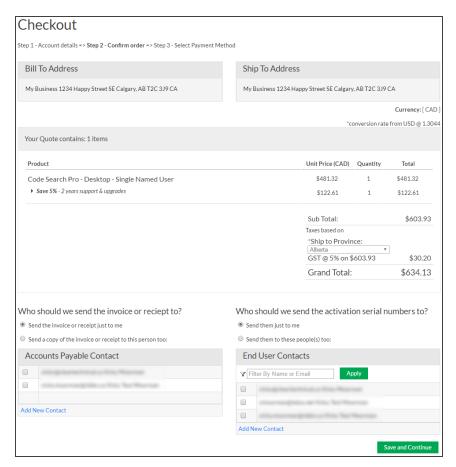
2. Click on the **Orders** tab. A table will appear showing the **Order #**, **Expiry Date**, **Amount**, and **Status**. Locate the order for which you want to pay.



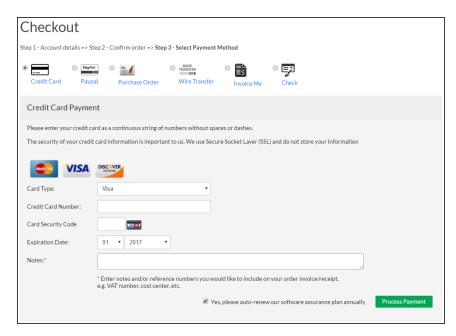
3. In the Pay Now column, click on the corresponding shopping cart icon. The Checkout dialog box will appear.



4. Select the Billing Address and Shipping Address, then click on the Save and Continue button.



5. Review and confirm the order, then click on the **Save and Continue** button.



6. Select and enter the method of payment.

Note: Payment by secure credit card or Paypal will immediately release full activation keys. Selecting payment by Check, Invoice Me, Wire Transfer or Purchase Order will issue a net 30 day terms invoice.

Note: When paying by Purchase Order, you may upload an electronic copy of the purchase order document or email a copy to billing@finditez.com referencing your order # in the email subject or body.

7. Click on the Process Payment button.

My Support Tickets

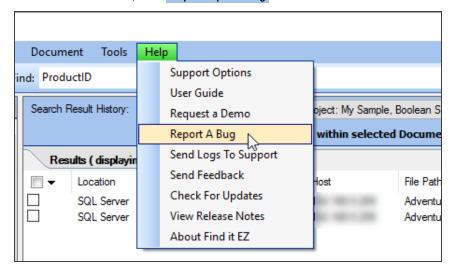
The My Support Tickets tab on the member website allows you to create, attach a file to, send, and view your support tickets.

Create a Support Ticket

A support ticket is used to report a program bug or to request a new product feature. Submitted crash reports or on-start-up of the program after a crash also create support tickets automatically. Support tickets status along with fix notes are visible to all linked accounts that are registered with the same e-mail domain.

From the program:

1. From the Find it EZ menu, select Help -> Report a Bug.



The Report a Bug dialog will appear. See example below:

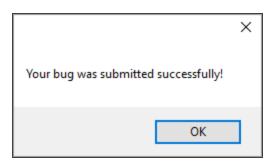


Note: The **Name** and **Email Address** fields will be filled out for you according to the current user. These can be changed, as desired.

- 2. Fill in the form:
 - a. In the Summary text box, enter a brief but descriptive summary of the issue.
 - b. In the **Description** text box, enter a detailed description of the issue or request. For bugs, include detailed steps required to reproduce the issue.

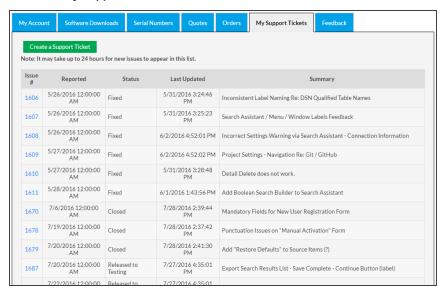
Tip: To send logs to Find it EZ Support, See"Find it EZ Support" on page 269.

3. Click on the Submit Bug button. Once submitted, the following notification will appear:

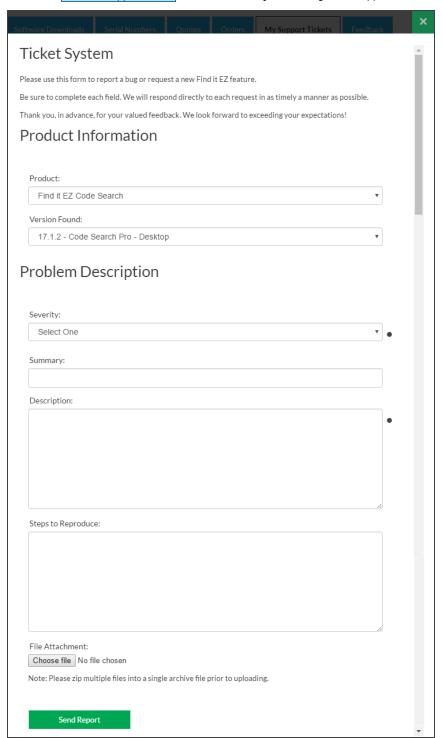


On the website:

- 1. Log in to your Find it EZ Member Account.
- 2. Click on the My Support Tickets tab.



3. Click on the **Create a Support Ticket** button. A **Ticket System** dialog box will appear.



- 4. In the Product Information section:
 - a. Select the affected product name from the Product drop-down list.
 - b. Select the affected version from the Version Found drop-down list.
- 5. In the Problem Description section:
 - a. Select the appropriate issue severity from the Severity drop-down list. Refer to the image below:

Critical: The software crashes, hangs or causes you to loose data
Setup: A data conversion, personal computer configuration or installation issue
Support: Request for technical assistance or 'how do I?' training request
Normal: It's a bug that should be fixed
Minor: Loss of function, but there is an easy workaround
Trivial: A cosmetic problem, such as a misspelled word or misaligned text
Enhancement or Change: Request for a new feature, better performance, or functional changes
Feedback: Product reviews or contest entries

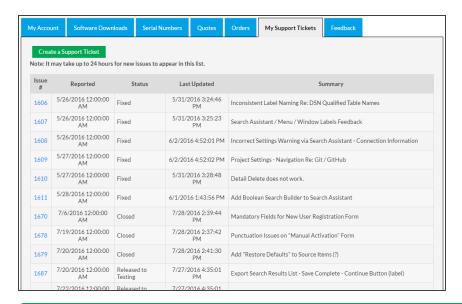
- b. In the Summary text box, enter a brief and descriptive summary of the issue or problem.
- c. In the **Description** text box, enter a detailed description of the issue or problem.
- d. In the Steps to Reproduce text box, thoroughly describe the steps required to reproduce the issue or problem. Include as much detail as possible.

Note: This (d. above) is optional, but very useful information for expediting problem resolution.

- 6. To attach a file to the support ticket:
 - a. Click on the Choose File button.
 - b. Navigate to the file you want to attach.
 - Click on the Open button. The file name will appear in the File Attachment section to the right of the Choose File button.
- 7. To send the support ticket to Find it EZ support, click on the **Send Report** button.

View My Support Tickets

- 1. Log in to your Find it EZ Member Account.
- 2. Click on the **My Support Tickets** tab. A list of your submitted support tickets will appear showing the **Issue #**, **Reported** datetime, **Status**, **Last Updated** datetime, and **Summary**.



Note: It may take up to 24 hours for new issues to appear in this list.

3. Click on a ticket number to view more details for an individual item. See example below:



License Agreements and Statements

Visit https://www.finditez.com/support/documents/eula.pdf to view the Find it EZ Software Corp. Software License Agreement

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