

Quick Integrator Version 9.2 User Guide

Feith Quick Integrator Version 9.2 **User Guide**

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Get Started

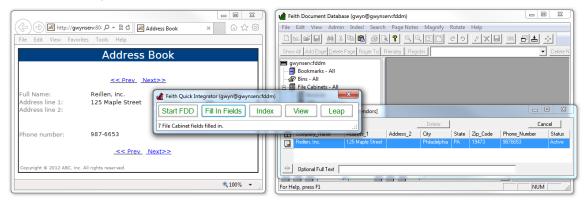
Welcome to Feith Quick Integrator

Feith Quick Integrator (QI) links your applications to Feith applications. A variety of applications outside the FDD system can be integrated quickly and easily with FDD Client, WebFDD, Forms iQ forms, and more. No custom programming is required and all setup is done in a user-friendly, graphical interface.

QI can capture information from the following types of applications:

- Legacy "green screen" or terminal application that is text-based
- Windows application
- Web page (Note: Microsoft Internet Explorer only)
- JSON web service
- XML web service

Each application is identified by a "capture pattern" that tells QI how to "read" the application to capture the values you need and then how to "fill" the captured values into another application. **Feith QI Capture Editor** is the administrative tool used to create and manage capture patterns (see <u>Capture Editor</u> and <u>Create and Manage Patterns</u> for more information).



A "tool" tells QI what to do. See <u>Tools Overview</u> for more information. You can use standard tools such as:

- View document ("Show Me The Paper" in FDD)
- Index document
- Leap in FDD
- WebFDD Search ("Show Me The Paper" in WebFDD)

You can also make your own custom tools in VBScript using the QI API. **Feith QI Tool Editor** is the administrative tool used to create and manage tools (see <u>Tool Editor</u> and <u>Create and Manage Tools</u> for more information).

Once the capture patterns and tools are created, end users run the **Quick Integrator** program to integrate your application with Feith applications. See <u>Quick Integrator</u> for more information.

The Capture Editor and Tool Editor are optional, administrative modules that are only available if they were installed on your machine with Quick Integrator.

What's New?

The following features have been added or improved in Quick Integrator, Capture Editor, or Tool Editor:

- Sleek OI Toolbar: The OI Toolbar has a new, sleek look with smaller buttons and the tool color is used in the button text's font. Plus, you can hover your mouse over a button to find out the tool's hotkey. See QI Toolbar for more information.
- Intuitive Capture Editor: The Capture Editor replaces the former Screen Editor and has been revamped to make it more intuitive and friendly, with several small, helpful tools and improvements. For example, for a Windows application you are provided with an automaticallygenerated list of fields to choose from, there are refresh buttons in many locations so you can get to what you need, and there are blue split bars you can use to resize the lists. See Create and Manage Patterns for more information.
- Capture From XML or JSON Web Service: Capture values from an XML or JSON web service to fill into your desired location. When configuring the pattern, just plug in the URL and select the tokens whose values will be passed in the parameters when the web service is called. Even if the web service is not available when you are configuring the capture pattern, you can use the Paste from Clipboard and Import File options to get the sample XML or JSON. See JSON Web Service and XML Web Service for more information.
- Simplified Set of Standard Tools: The standard tools shipped with QI have been simplified, the main improvement being that when filling fields or indexing you will get a combined list of sources including both fat applications and web pages. You do not need a separate tool depending on whether you are capturing from a Windows application vs. a web site. Therefore, the standard set of tools is just: Start FDD, Fill In Fields, Index, View, Leap, Fill In Web Fields, Index Web Fields, and WebFDD Search. See Tools Overview for more information.
- Feedback Answering Question "What Did QI Do?": Use the new Log and status bar on the QI Toolbar to view information about what QI did, to help you when testing or troubleshooting. See QI Toolbar and QI Context Menu for more information.
- Check Syntax and Test Tool VBScript: When writing VBScript for your new custom tool, use the Check Syntax and Test Script buttons to help you along the way. See Create and Manage Tools for more information.
- Click and Drag to Reorder Tools: In the OI Toolbar, hold down the CTRL key and click-anddrag one tool on top of another to reorder them as desired. You can also right-click on a tool's button and select Move Left or Move Right. See QI Toolbar for more information.
- Show Application to Bring it to Foreground: When viewing a list of applications, such as choosing which application to capture from, you can right-click on an application and select Show to bring it to the foreground where you can see it.
- **Export and Import Multiple Tools at Once:** Select multiple tools to export at once or select multiple tools' export files to import at once. See Export and Import Tools for more information.
- Favorite Tools: Favorite tools replace the former Tool Administration option. All tools are your favorite by default and if you do not want to see a tool just right-click on it in the QI Toolbar and uncheck Favorite. See Favorite Tools for more information.

Login

Login to QI, Capture Editor, or Tool Editor to get started.

Start QI, Capture Editor, or Tool Editor

To start QI:

Select Start>Programs>Feith Systems>Quick Integrator 4.

Note: If you see the QI "splash screen", QI launched in the system tray. See System Tray for more information.

To start Capture Editor:

Select Start>Programs>Feith Systems>Quick Integrator Admin>Capture Editor 💰.



To start Tool Editor:

Select Start>Programs>Feith Systems>Quick Integrator Admin>Tool Editor

Once your desired program starts, you need to login.

Note: If you opted for Auto Login, you are logged in automatically once you start the program. See Login for more information.

Login

To login to QI, Capture Editor, or Tool Editor:

- 1. Enter your Login name.
- 2. Enter your Password.
- 3. Select or enter your Database.
- 4. Optionally select the following:
 - Remember Password: Optionally have your password remembered so you do not have to enter it every time.
 - Auto Login: Optionally have your login name and password remembered and login automatically, skipping the login dialog.



5. Click OK. You are logged in and the QI Toolbar displays.

Note: If you see the QI "splash screen" instead of the QI Toolbar, QI launched in the system tray. See System Tray for more information.

Log Out

To log out of QI:

Right-click on the QI Toolbar or system tray QI icon and select Exit. QI logs out and shuts down.

To log out of the Capture Editor or Tool Editor:

• Select **File>Exit**. The editor logs out and shuts down.

Turn Off Auto Login

To turn off Auto Login in QI:

- Right-click on the QI Toolbar or the system tray QI icon and then select Reconnect. The Feith Quick Integrator Login dialog opens.
- 2. Uncheck the Auto Login option and click OK.

To turn off **Auto Login** in the Capture Editor or Tool Editor:

- 1. Select **File>Reconnect**. The login dialog opens.
- 2. Uncheck the Auto Login option and click OK.

System Tray

QI runs in your system tray (typically in the bottom right of your screen next to the clock). You can use QI's icon in the system tray to access the QI context menu or open the QI toolbar. See QI Context Menu and QI Toolbar for more information.

Frequently Asked Questions (FAQ)

Quick Integrator

I cannot find the tool I need?

Try the following:

- Select Reload Tools in the QI context menu to reload your tools. See QI Context Menu for more information on Reload Tools.
- Uncheck Favorites Only in the QI context menu to see all tools regardless of whether they
 are your favorites. See QI Toolbar for more information on favorite tools.
- Make the QI toolbar bigger so you can see all tools, or scroll in the QI toolbar to find the tool.
- You may not have permission to the tool. Ask your administrator about your tool permissions. See <u>Create and Manage Tools</u> for more information on tool permissions.
- You may not be running the minimum required QI version to run the tool. Ask your administrator about the tool's QI Version. See <u>Create and Manage Tools</u> for more information on tool configuration.

I need to capture from a different source application or capture pattern but QI does not ask me to select one?

or...I need use values from a different browser to capture from a web service but QI does not ask me to select one?

or...I need to fill a different file cabinet but QI does not ask me to select one?

or...I need to fill a different browser but QI does not ask me to select one?

Try the following:

- For a remembered source application/capture pattern, source browser for web service fields, and/or destination file cabinet, uncheck Remember Last Pattern in the QI context menu. You will always be prompted to select a source application/capture pattern, source browser for web service fields, and/or destination file cabinet. See QI Context Menu for more information on Remember Last Pattern.
- Select Reset Patterns in the QI context menu. Next time you will be prompted to select a source application/capture pattern, source browser for web service fields, destination file cabinet, and/or destination browser. If Remember Last Pattern is on, your new source application/capture pattern, source browser for web service fields, and destination file cabinet selections will then be remembered. Your new destination browser is also remembered (always, regardless of Remember Last Pattern option). See QI Context Menu for more information on Reset Patterns.
- Close the currently remembered source application (Windows application, browser, terminal
 application). Next time you will be prompted to select a source application/capture pattern,
 destination file cabinet, and/or destination browser. If Remember Last Pattern is on, your
 new selection will then be remembered.
- For a remembered destination browser, close the browser. Next time you will be prompted to select a destination browser.

I got the message "Cannot find an application that matches any of the available Capture Patterns."?

QI cannot find an application that has any capture patterns. A capture pattern must be created for an application in order to interact with QI.

Try the following:

- Confirm the source application is running.
- Select Reset Patterns from the QI context menu. Your list of available capture patterns is reset. See QI Context Menu for more information on Reset Patterns.
- If using the Index tool, confirm you are indexing to the correct file cabinet.
- Confirm you have resource permission to the file cabinet or workflow task that the capture
 pattern fills. You may need to check with your administrator. See Feith Control Panel
 User Guide and Workflow iQ Manager User Guide for more information on resource
 permissions.
- Confirm there is a capture pattern for that application. You may need to check with your administrator.

Note that the **Source Terminal** field must match the application's title bar. The match may be partial (e.g. "Invoices" will recognize "Invoices - 123456") and is case-sensitive ("Invoices" will not find "invoices" or "INVOICES").

When I open my web source application in Firefox, Chrome, etc, QI does not list it for me to select? or...When I have my destination browser open in Firefox, Chrome, etc, QI tries to use Internet Explorer?

When capturing from or filling into a web page, only Microsoft Internet Explorer is supported.

Fill In Web Fields or Index Web Fields appears to do nothing?

The selected source application/pattern does not match the selected destination browser. Check the status bar on the bottom of the QI toolbar or look at the log by selecting **Show Log** in the QI context menu. If QI says "0 Web Fields filled in," that confirms there is a mismatch.

You need to select a different source application/pattern and/or destination browser. The quickest way to do that is to select **Reset Patterns** in the QI context menu. See QI Context Menu for more information on **Reset Patterns**.

I got the message "Web Service call returned no value."?

The web service you are trying to capture from did not return a value. We recommend you talk to your administrator or, if desired, test the web service independently outside of QI.

I did not get the information I expected from the web service?

Confirm with the administrator that the web service call configured in the capture pattern is correct. Note that if multiple results come back from your web service call, QI will just pick the first one. See <u>JSON Web Service</u> and <u>XML Web Service</u> for more information.

I got the message "Your clipboard appears to be empty. Do you wish to retry accessing it?"

QI cannot find the find the text from the Terminal application that it was expecting to see in the clipboard. Try the following:

- Confirm the Terminal application is not blank.
- The Terminal Application's Copy Keystrokes may have failed. Check that they
 keystrokes are correct and working on your computer with the Terminal application.
 You may need to check with you administrator.

I got the message "No matching Terminal Capture Pattern found."?

QI cannot find a Terminal application with the **Screen Identifier** defined in the capture pattern. Try the following:

- Confirm the Terminal application is on the correct screen.
- Confirm the capture pattern's Screen Identifier is correct. You may need to check with your administrator.

I got message "Object doesn't support this property or method."?

The tool you are using may be using a de-supported method. Check with your administrator and see De-Supported Methods and Objects for more information.

Capture Editor

I got the message "The Source Terminal does not seem to match any currently running applications."?

Try the following:

- Confirm the application in the Source Terminal field is up and running.
- Confirm the value in the Source Terminal field matches the application's title bar. The
 match may be partial (e.g. "Invoices" will recognize "Invoices 123456") and is casesensitive ("Invoices" will not find "invoices" or "INVOICES").

I get no results calling the JSON/XML Web Service in order to get the properties?

If you are using a token in the web service **Source URL**, confirm the source of the token - a file cabinet, workflow user task, or web control - is up and running and contains a value to retrieve your sample information from the web service.

How do I clone a capture pattern?

Export the capture pattern then import it, giving it a different name. This will result in a clone of the original pattern.

Tool Editor

How do I clone a tool?

Either:

- Copy and paste the tool's VBScript and other properties manually.
- Export the tool then import it, giving it a different name. This will result in a clone of the original tool.

Tips and Tricks

Take advantage of various tricks and tips in Quick Integrator to better create and use tools and capture patterns.

Quick Integrator

- Run a tool using its hotkey. Find out a tool's hotkey by mousing over its button in the QI toolbar or looking next to the tool's name in the QI context menu.
- With the Remember Last Pattern option on, if you want to temporarily clear the last pattern and
 file cabinet or browser window selections you made, you can select Reset Patterns in the QI
 context menu. See QI Context Menu and Frequently Asked Questions for more information.
- When prompted to Choose a Source Application, right-click on a Source Application and select Show to show the selected application, bringing it to the front of any windows you have open.
- Check the QI toolbar's status bar and QI context menu's Show Log to read messages on what QI
 did. This is helpful when testing or troubleshooting a tool (e.g. to see how many fields were filled
 in). See QI Toolbar and QI Context Menu for more information.
- FDD starts automatically when you use certain tools so there is no need to start FDD ahead of time:
 - For the Fill In Fields tool, if you want to fill captured values into the file cabinet search
 grid, you can actually just run the tool. Running the tool will start FDD and fill the values
 into the file cabinet search grid automatically. See Fill In Fields for more information.
 - For the View tool, if you want to search and view in a file cabinet, you can actually just run
 the tool. Running the tool will start FDD, fill the values into the file cabinet search grid,
 search for documents, and view automatically. See <u>View</u> for more information.

Capture Editor

- When creating a capture pattern, make sure your source application has sample values so you can readily identify what locations have the values you want. See <u>Create and Manage Patterns</u> for more information.
- When configuring the Copy Keystrokes for a Terminal application, the ALT key is represented by a % and the CTRL key is represented by a ^.
- When configuring a capture pattern for a web service but calling the web service directly is not an option at the time, you can get a sample by pasting from the clipboard or importing a file instead.
 To do this, right-click in the Sample XML/JSON field and select Paste from Clipboard or Import File
- When configuring a capture pattern for a web service but you do not get the properties as you
 expect, right-click in the Sample JSON field and select Show Log to view information on the web
 service call that was made.
- When adding field fill definitions or capture variables for a Windows, Web, JSON Web Service, or XML Web Service application, you can easily find the desired control or property by sorting by the sample Text. Click the Text header to sort sample values alphabetically in ascending order; click it again to sort in descending order. Find the sample Text you are looking for and that is the control or property you need.
- When configuring a capture pattern, use the blue split bars to resize the lists as desired.
- When loading all web controls from a page is taking too long, click Stop Loading Controls from
 Source Web Page . Capture Editor stops loading controls and only the controls loaded up until that point are listed.

Tool Editor

- When writing a tool's VBScript, use the **Check Syntax** button to verify that your syntax is correct and use the **Test Script** to run the script in Tool Editor for testing purposes.
- Use a single quote ' to write comments in your VBScript.

Quick Integrator

Introduction

Feith Quick Integrator is the end-user program used to integrate your applications with Feith applications. Run "tools" that tell QI what to do with values captured according to "capture patterns".



See the following for more information:

- QI Toolbar
- QI Context Menu
- Tools Overview

Capture patterns and tools are created by administrators. See <u>Capture Editor</u> and <u>Tool Editor</u> for more information.

QI Interface

QI Toolbar

The QI toolbar displays your tools. The tools are different colors chosen by the administrator in the Tool Editor (see <u>Tool Editor</u> for more information).



The status bar on the bottom of the QI toolbar shows information about what QI just did.

Alternatively, you can use tools from the QI context menu in the system tray. See QI Context Menu and System Tray for more information.

Open the QI Toolbar

After logging into QI (see <u>Login</u> for more information) the QI toolbar opens or you have to open it from the system tray.

To open the QI toolbar from the system tray:

Double-click the QI icon in your system tray. The QI toolbar opens.

To minimize the QI toolbar back to the system tray:

• Click the **X** icon in the upper right. The QI toolbar minimizes to the system tray.

Use a Tool

To use a tool:

 Click the tool button in the QI toolbar or hit the tool's hotkey. See <u>Tools Overview</u> for more information on what specific tools do.

Tip: Find out a tool's hotkey by mousing over its button in the QI toolbar.

Alternatively, you can use tools from the QI context menu in the system tray. See QI Context Menu and System Tray for more information.

If you cannot find the tool you need, see Frequently Asked Questions for troubleshooting.

Tools are set up by the administrator in the Tool Editor. See <u>Tool Editor</u> for more information.

Favorite Tools (Hide and Show Tools)

All tools are favorites and shown by default, and removing a tool from your favorites hides it. You can opt to view favorites only, which is the default, or view all tools.

To view favorite tools only or see all tools:

• Right-click in the QI toolbar and check Favorites Only. Only favorite tools are displayed.

Turn this option off to see all tools regardless of whether they are favorites or not. You can do this to find tools you want to re-add to your favorites.

To add or remove a tool from your favorites:

 Right-click the tool and check or uncheck Favorite. The tool is added to or removed from your favorites.

You can also use the **Favorite All** or **Unfavorite All** options in the QI context menu to change the favorite status of all tools at once. See QI Context Menu for more information.

These options also affect the list of tools in the QI content menu. See QI Context Menu for more information.

Reorder Tools

Arrange tools in the order you want.

To reorder tools:

• Hold down the CTRL key then click-and-drag the desired tool over another tool. The desired tool is placed in that location.

Or:

• Right-click the desired tool and select **Move Left** or **Move Right**. The tool is moved.

This option also affects the list of tools in the QI content menu. See QI Context Menu for more information.

Always on Top

To have the QI toolbar always on top over other windows:

Right-click in the QI toolbar and select Always On Top.

QI Context Menu

The QI context menu lists QI options and your tools.

Alternatively, you can use tools from the QI toolbar. See QI Toolbar for more information.

Open the QI Context Menu

After logging into QI (see Login for more information) the QI toolbar opens or QI just launches in the system

To open the QI context menu from the system tray:

Right-click the QI icon din your system tray. The QI context menu opens.

Or:

Right-click in the QI toolbar. The QI context menu opens. See QI Toolbar for more information on the QI toolbar.

QI Context Menu Options

MENU OPTION	ACTION
Tools	Select the tool in the QI context menu or hit the tool's hotkey. See <u>Tools Overview</u> for more information on what specific tools do. Tip: Find out a tool's hotkey by viewing it next to the tool's name in the QI context menu. To reorder tools or set favorite tools (hide and show), see <u>Reorder Tools</u> and <u>Favorite Tools</u> for more information. If you cannot find the tool you need, see <u>Frequently Asked Questions</u> for troubleshooting. Tools are set up by the administrator in the Tool Editor. See <u>Tool Editor</u> for more information.
ℰReload Tools	Reload your tools from the FDD database. Any changes an administrator made to tools in the Tool Editor will be loaded. See <u>Tool Editor</u> for more information on the Tool Editor.

Reset Patterns Reset your patterns, resulting in: The pattern remembered by the Remember Last Pattern option is cleared and you will be prompted to select a pattern next time you run an applicable tool. If a pattern uses field values from a source browser to capture from a web service, any browser selected remembered by the Remember Last Pattern option is cleared and you will be prompted to select a source browser for web service fields the next time you run an applicable tool. If a pattern fills multiple file cabinets, any file cabinet selection remembered by the Remember Last Pattern option is cleared and you will be prompted to select a file cabinet the next time you run an applicable tool. If your destination application is a browser, any browser window selection (which is remembered automatically) is cleared and you will be prompted to select the browser window the next time you run an applicable tool. Any changes an administrator made to capture patterns in the Capture Editor will be loaded. See Capture Editor for more information on the Capture Editor. Remember Last Pattern Optionally remember the last pattern used so you do not have to select the pattern every time you use a tool. The pattern is remembered until you Exit QI. QI will also remember any related file cabinet or browser window selections you made so you do not have to select those every time either. Note: You may still be prompted to select a pattern in some cases, even when this option is on. For example, if the currently-remembered pattern does not apply to the selected tool (such as switching from Fill in Fields to Fill In Web Fields). **Tip:** With this option on, if you want to temporarily clear the last pattern and file cabinet or browser window selections you made, you can select Reset Patterns in the QI context menu. **Always On Top** The QI toolbar always displays on top over other windows. See QI Toolbar for more information. **Favorites Only** View only favorite tools in the QI context menu and QI toolbar. See Favorite Tools for more information on setting favorite tools. Show the log of QI's recent activity. This is helpful when testing or Show Log troubleshooting a tool because you can see what QI did behind the scenes. Notes: The log does not update while it is open. To view log messages on activities performed while the Log dialog was open, close and reopen the log. The log automatically cleans up old entries; once over 1,000 rows it goes back down to the most recent 100 rows.

Favorite All	Add all tools to your favorites. See <u>Favorite Tools</u> for more information on setting favorite tools.
Unfavorite All	Remove all tools to your favorites. See <u>Favorite Tools</u> for more information on setting favorite tools.
Reconnect	Open the Feith Quick Integrator Login dialog, where you can change login information or options. See <u>Login</u> for more information.
Help	 Feith Quick Integrator Help: View the help file for QI, Capture Editor, and Tool Editor. About Feith Quick Integrator: View version and copyright information, as well as current session information.
Exit	Log out and shut down QI.

Tools

Tools Overview

A tool tells QI what to do with values captured from your application. For example, the **Index** tool fills in the values and indexes a document.

An administrator sets up the tools in the Tool Editor. See Tool Editor for more information.

What Tools Do I Use?

You use standard tools provided with QI or custom tools your administrator creates.

Note: Custom tools may do any number of actions, not even necessarily filling into any application. Talk to your administrator about how to use your custom tools.

When using standard tools, you will likely only use some of them depending on the FDD application you are working with; it's normally the application into which you are filling values.

The possible applications are:

- **FDD Client:** You are filling values into the FDD Client (or in the case of **Leap**, leaping from FDD client). These tools include:
 - Start FDD: Start FDD Client.
 - Fill In Fields: Capture values from your application and fill them into FDD Client.
 - Index: Capture values from your application, fill them into FDD Client, and index the
 document.
 - View ("Show Me The Paper" in FDD): Capture values from your application, fill them
 into FDD Client, search for documents, and view the first document in the search results.
 - Leap: Leap from a document in FDD Client to another application or a website.
- **WebFDD or other web page:** You are filling values into WebFDD or another web page (e.g. Forms iQ form). These tools include:
 - <u>Fill In Web Fields:</u> Capture values from your application and fill them into a web page, such as WebFDD, a Forms iQ form, or other web page.
 - Index Web Fields: Capture values from your application, fill them into WebFDD, and index the document.
 - WebFDD Search ("Show Me the Paper" in WebFDD): Capture values form your application, search for documents in WebFDD, and view the document (if there's only one).

If you cannot find the tool you need, see Frequently Asked Questions for troubleshooting.

How Do I Use a Tool?

You have a few choices for running a tool:

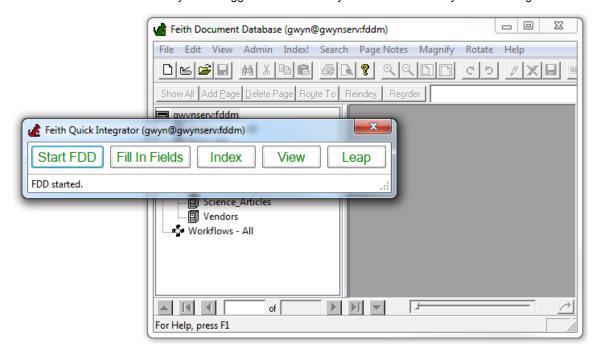
- Click the tool's button in the QI toolbar. See QI Toolbar for more information.
- Select the tool in the QI context menu. See QI Context Menu for more information.
- Hit the tool's hotkey. Find out a tool's hotkey by mousing over its button in the QI toolbar or looking next to the tool's name in the QI context menu.

Start FDD

Start FDD Client.

To Start FDD:

- 1. Run the **Start FDD** tool. See <u>Tools Overview</u> for more information on how to use a tool.
- 2. FDD Client starts and you are logged in automatically with the same user you used to login to QI.



Fill In Fields

Capture values from your application and fill them into FDD Client.

Notes:

- When capturing from a web page, only Microsoft Internet Explorer is supported.
- Some steps below involve working in FDD Client. See FDD User Guide for more detailed instructions.

To Fill In Fields:

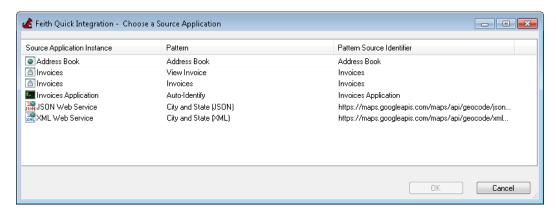
- 1. Confirm your application is up and running and the values you want to capture are retrievable.
- 2. Start FDD Client and open the interface you want to fill with the captured values. Options are:
 - Indexing batches or indexing a document directly into a file cabinet (Index! menu, right-click>Index on batch in folder bar, or right-click>Index New in file cabinet search grid).
 - Searching for documents (open file cabinet or workflow task from folder bar).

Tip: If you want to fill captured values into the file cabinet search grid, you can actually just skip to the next step and run the **Fill In Fields** tool. You do not even need to start FDD. Running the tool will start FDD and fill the values into the file cabinet search grid automatically.

- Modify index values of one document (search for document in file cabinet and click Modify button or search for document in workflow task).
- 3. Run the Fill In Fields tool. See Tools Overview for more information on how to use a tool.
- 4. The Choose a Source Application dialog opens. Double-click your desired Source Application Instance that has the Pattern you want to use.

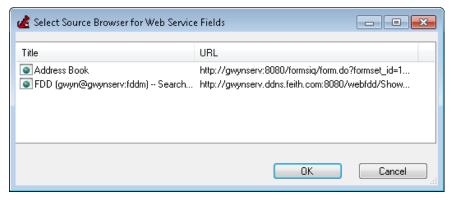
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.

Tip: Right-click on a **Source Application** and select **Show** to show the selected application, bringing it to the front of any windows you have open.



5. If using a web service capture pattern, the Select Source Browser for Web Service Fields dialog may open (depending on the configuration). Double-click your desired browser that contains the field values you want to use to capture from the web service.

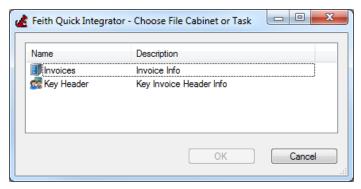
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See QI Context Menu and Frequently Asked Questions for more information.



You may be prompted with the Choose File Cabinet or Task dialog. Double-click the file cabinet or workflow task you want to fill with the captured values.

Notes:

- This occurs when the capture pattern can fill multiple file cabinets or workflow tasks and you did not already have one of them open.
- This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



QI captures the values from your application and fills them into FDD Client's fields following the capture pattern you selected.



Index

Capture values from your application, fill them into FDD Client, and index the document.

Notes:

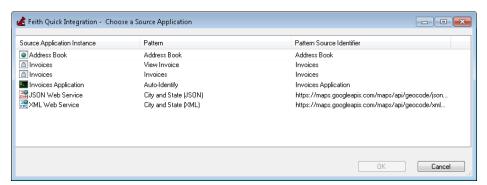
- When capturing from a web page, only Microsoft Internet Explorer is supported.
- Some steps below involve working in FDD Client. See FDD User Guide for more detailed instructions.

To Index:

- 1. Confirm your application is up and running and the values you want to capture are retrievable.
- Start FDD Client and bring up a batch to index in the indexing grid (Index! menu or rightclick>Index on batch in folder bar).
- 3. Run the **Index** tool. See <u>Tools Overview</u> for more information on how to use a tool.
- 4. The Choose a Source Application dialog opens. Double-click your desired Source Application Instance that has the Pattern you want to use.

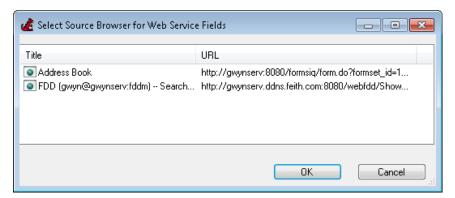
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See QI Context Menu and Frequently Asked Questions for more information.

Tip: Right-click on a **Source Application** and select **Show** to show the selected application, bringing it to the front of any windows you have open.

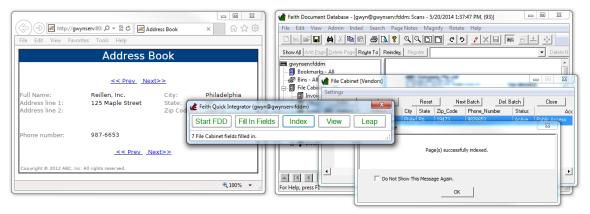


5. If using a web service capture pattern, the Select Source Browser for Web Service Fields dialog may open (depending on the configuration). Double-click your desired browser that contains the field values you want to use to capture from the web service.

Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



6. QI captures the values from your application, fills them into FDD Client's fields following the capture pattern you selected, and indexes the document.



View ("Show Me The Paper" in FDD)

Capture values from your application, fill them into FDD Client, search for documents, and view the first document in the search results.

Notes:

- When capturing from a web page, only Microsoft Internet Explorer is supported.
- Some steps below involve working in FDD Client. See FDD User Guide for more detailed instructions.

To View:

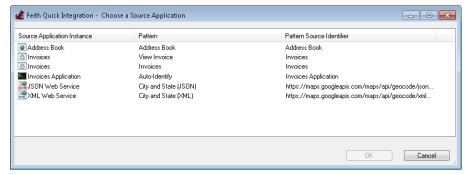
- 1. Confirm your application is up and running and the values you want to capture are retrievable.
- Start FDD Client and open the file cabinet or workflow task you want to search in (open file cabinet or workflow task from folder bar).

Tip: If you want to search and view in a file cabinet, you can actually just skip to the next step and run the **View** tool. You do not even need to start FDD. Running the tool will start FDD, fill the values into the file cabinet search grid, search for documents, and view automatically.

- 3. Run the View tool. See Tools Overview for more information on how to use a tool.
- The Choose a Source Application dialog opens. Double-click your desired Source Application Instance that has the Pattern you want to use.

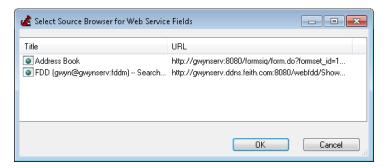
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.

Tip: Right-click on a **Source Application** and select **Show** to show the selected application, bringing it to the front of any windows you have open.



5. If using a web service capture pattern, the Select Source Browser for Web Service Fields dialog may open (depending on the configuration). Double-click your desired browser that contains the field values you want to use to capture from the web service.

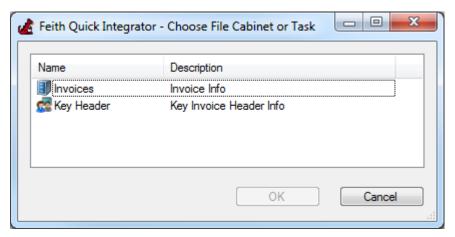
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See QI Context Menu and Frequently Asked Questions for more information.



6. You may be prompted with the **Choose File Cabinet or Task** dialog. Double-click the file cabinet or workflow task you want to fill with the captured values.

Notes:

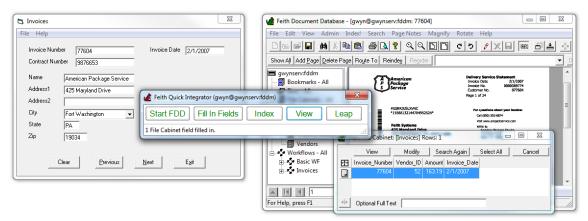
- This occurs when the capture pattern can fill multiple file cabinets or workflow tasks and you did not already have of one them already open.
- This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



7. QI captures the values from your application, fills them into FDD Client's fields following the capture pattern you selected, and then performs a search with those values.

In a file cabinet, all documents are returned in the search results and the first document is viewed.

In a workflow task, just the first document that matches is returned and you can navigate to more documents using the **Get** button.



Leap

Leap from a document in FDD Client to another application or a website. Leaps are created by an administrator in Feith Control Panel (see **Feith Control Panel User Guide** for more information).

QI runs the following leap types:

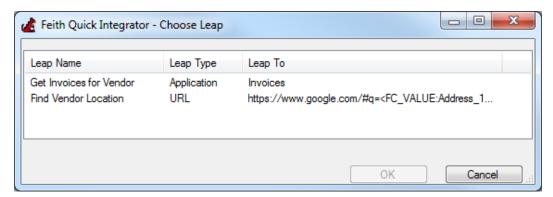
- Application Leap: Send keystrokes to another application. For example, pasting the document's index values into the application.
- <u>URL Leap:</u> Open a browser and go to a URL. For example, doing a search on a website using the document's index values.

Note: Some steps below involve working in FDD Client. See **FDD User Guide** for more detailed instructions.

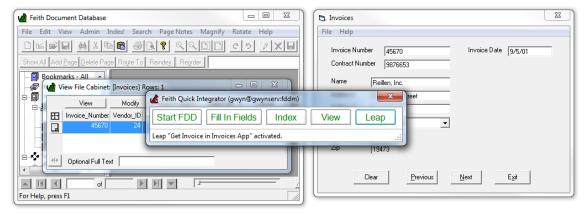
Application Leap

To Leap using an application leap:

- 1. Confirm the other application is up and running, ready to receive keystrokes.
- Start FDD Client and bring up a document in a file cabinet or workflow task (open file cabinet or workflow task from folder bar and search for document).
- 3. Run the **Leap**. See <u>Tools Overview</u> for more information on how to use a tool.
- 4. The **Choose Leap** dialog opens (if there is more than one leap). Double-click the desired application leap (it will have a **Leap Type** of **Application**).



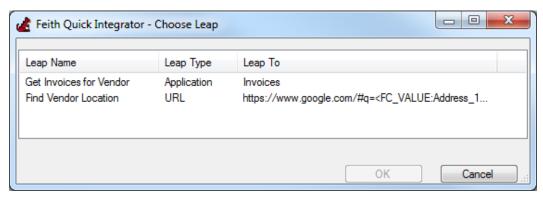
5. QI runs the application leap, sending keystrokes to the other application.



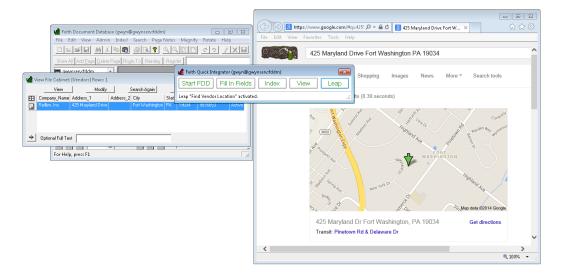
URL Leap

To Leap using a URL leap:

- 1. Start FDD Client and bring up a document in a file cabinet or workflow task (open file cabinet or workflow task from folder bar and search for document).
- 2. Run the **Leap**. See <u>Tools Overview</u> for more information on how to use a tool.
- The Choose Leap dialog opens (if there is more than one leap). Double-click the desired URL leap (it will have a Leap Type of URL).



4. QI runs the URL leap, opening the browser and going to the website.



Fill In Web Fields

Capture values from your application and fill them into a another web page, such as WebFDD, a Forms iQ form, or other web page.

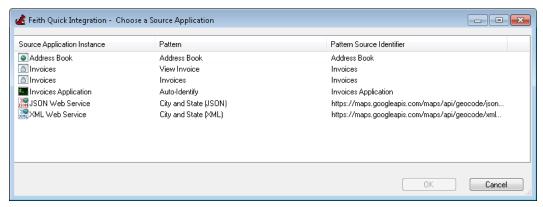
Note: When capturing from or filling into a web page, only Microsoft Internet Explorer is supported.

To Fill In Web Fields:

- 1. Confirm your application is up and running and the values you want to capture are retrievable.
- 2. If desired, at this time navigate to the web page containing the fields you want to fill.
- 3. Run the Fill In Web Fields tool. See Tools Overview for more information on how to use a tool.
- The Choose a Source Application dialog opens. Double-click your desired Source Application Instance that has the Pattern you want to use.

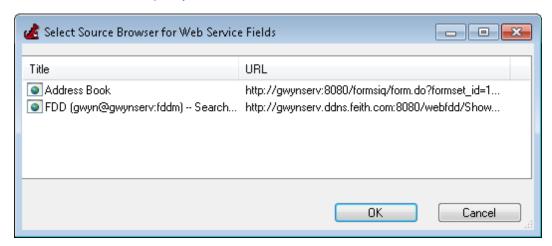
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.

Tip: Right-click on a **Source Application** and select **Show** to show the selected application, bringing it to the front of any windows you have open.



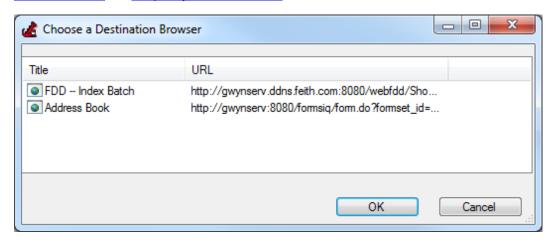
5. If using a web service capture pattern, the Select Source Browser for Web Service Fields dialog may open (depending on the configuration). Double-click your desired browser that contains the field values you want to use to capture from the web service.

Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



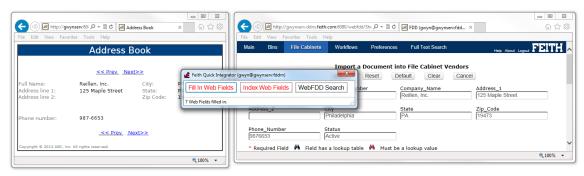
6. If you have any browser windows open, the **Choose a Destination Browser** dialog opens and lists the available browsers. Double-click your desired browser into which you want to fill values.

Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



If you have no browser windows open, a browser window is launched. Navigate to the web page containing the fields you want to fill and run the **Fill In Web Fields** tool again.

7. QI captures the values from your application and fills them into the web page's fields following the capture pattern you selected.



Index Web Fields

Capture values from your application, fill them into WebFDD, and index the document.

Notes:

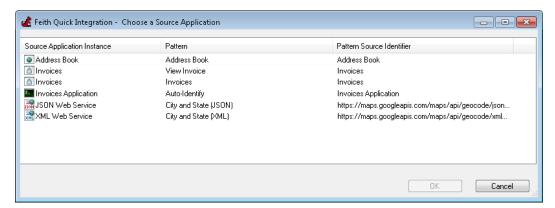
- When capturing from or filling into a web page, only Microsoft Internet Explorer is supported.
- Some steps below involve working in WebFDD. See WebFDD User Guide for more detailed instructions.

To Index Web Fields:

- 1. Confirm your application is up and running and the values you want to capture are retrievable.
- If desired, at this time start WebFDD and bring up a batch to index in the indexing interface (rightclick>Index on batch from bin list or Index button viewing batch).
- 3. Run the Index Web Fields tool. See Tools Overview for more information on how to use a tool.
- 4. The Choose a Source Application dialog opens. Double-click your desired Source Application Instance that has the Pattern you want to use.

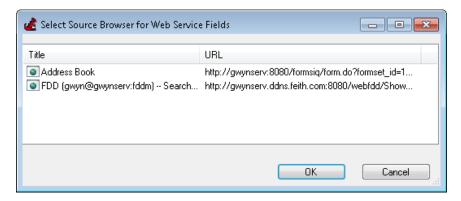
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See QI Context Menu and Frequently Asked Questions for more information.

Tip: Right-click on a **Source Application** and select **Show** to show the selected application, bringing it to the front of any windows you have open.



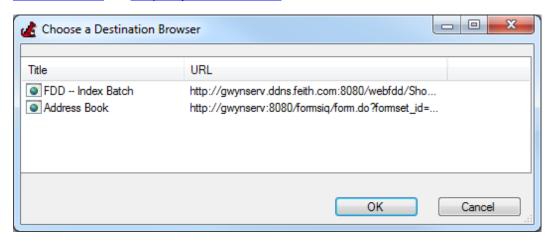
5. If using a web service capture pattern, the Select Source Browser for Web Service Fields dialog may open (depending on the configuration). Double-click your desired browser that contains the field values you want to use to capture from the web service.

Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



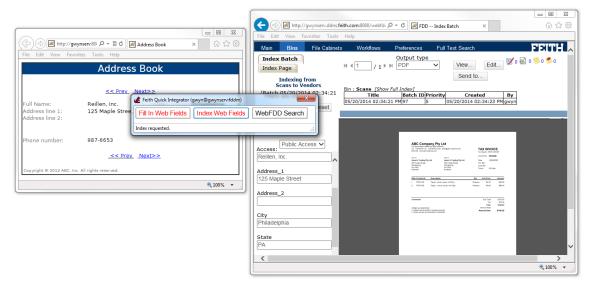
6. If you have any browser windows open, the **Choose a Destination Browser** dialog opens and lists the available browsers. Double-click the WebFDD browser into which you want to fill values.

Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



If you have no browser windows open, a browser window is launched. Go to WebFDD and bring up a batch to index in the indexing interface, then run the **Index Web Fields** tool again.

QI captures the values form your application, fills them into WebFDD's fields following the capture pattern you selected, and indexes the document.



WebFDD Search ("Show Me The Paper" in WebFDD)

Capture values form your application, search for documents in WebFDD, and view the document (if there's only one).

Notes:

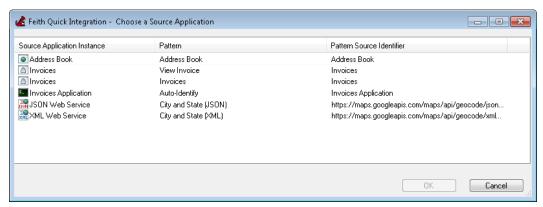
- When capturing from a web page only Microsoft Internet Explorer is supported.
- Some steps below involve working in WebFDD. See WebFDD User Guide for more detailed instructions.

To WebFDD Search:

- 1. Confirm your application is up and running and the values you want to capture are retrievable.
- 2. Run the WebFDD Search tool. See Tools Overview for more information on how to use a tool.
- The Choose a Source Application dialog opens. Double-click your desired Source Application Instance that has the Pattern you want to use.

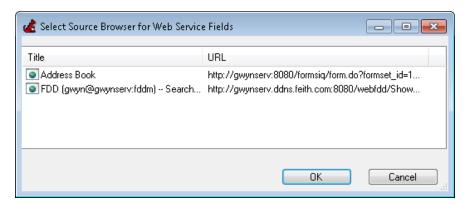
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See QI Context Menu and Frequently Asked Questions for more information.

Tip: Right-click on a **Source Application** and select **Show** to show the selected application, bringing it to the front of any windows you have open.



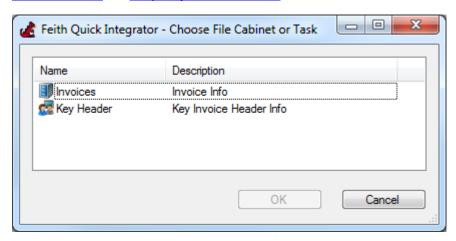
4. If using a web service capture pattern, the **Select Source Browser for Web Service Fields** dialog may open (depending on the configuration). Double-click your desired browser that contains the field values you want to use to capture from the web service.

Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See QI Context Menu and Frequently Asked Questions for more information.



5. You may be prompted with the **Choose File Cabinet or Task** dialog. Double-click the file cabinet or workflow task you want to fill with the captured values.

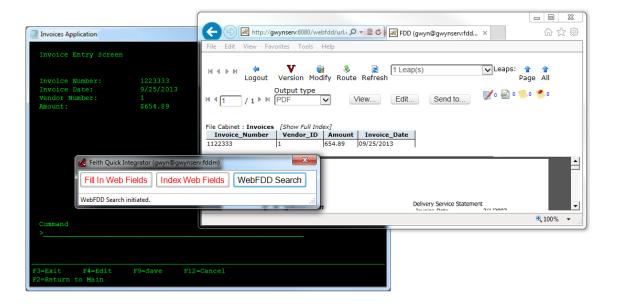
Note: This dialog may not open if you have the **Remember Last Pattern** option turned on. See <u>QI Context Menu</u> and <u>Frequently Asked Questions</u> for more information.



QI captures the values from your application and then performs a file cabinet search with those values in WebFDD.

If one document comes back, WebFDD views the document automatically.

If multiple documents come back, WebFDD displays the list of documents and you can choose which you want to view.



Capture Editor

Introduction

The Capture Editor is an optional, administrative module that is only available if it was installed on your machine with Quick Integrator.

Feith QI Capture Editor is the administrative tool used to create and manage capture patterns. A "capture pattern" tells QI how to "read" an application to capture the values you need and then how to "fill" the captured values into another application. See <u>Create and Manage Patterns</u> for more information.



QI can capture information from the following types of applications:

- Legacy "green screen" or terminal application that is text-based
- Windows application
- Web page (Note: Microsoft Internet Explorer only)
- JSON web service
- XML web service

QI can fill information into the following types of applications:

- FDD Client
- WebFDD
- Other web page (e.g. Forms iQ form)

See Field Fill Definitions for more information.

The Menus

Capture Editor has a $\underline{\text{File}}$ menu and $\underline{\text{Help}}$ menu.

File

MENU OPTION	ACTION
New	Create a new capture pattern. See <u>Create and Manage Patterns</u> for more information.
Modify	Modify a capture pattern. See <u>Create and Manage Patterns</u> for more information.
Delete	Delete a capture pattern. See <u>Create and Manage Patterns</u> for more information.
∌ Export	Export a capture pattern. See <u>Export and Import Patterns</u> for more information.
∄Import	Import a capture pattern. See <u>Export and Import Patterns</u> for more information.
Reconnect	Open the Feith Quick Integrator Capture Editor Login dialog, where you can change login information or options. See <u>Login</u> for more information.
Exit	Log out and shut down Capture Editor.

Help

MENU OPTION	ACTION
Feith QI Capture Editor Help	View the help file for QI, Capture Editor, and Tool Editor.
About Feith QI Capture Editor	View version and copyright information, as well as current session information.

Create and Manage Patterns

Create and manage capture patterns that tell QI how to capture values from your application fill them into FDD Client, WebFDD, Forms iQ forms, or other web applications.

See the following for more information:

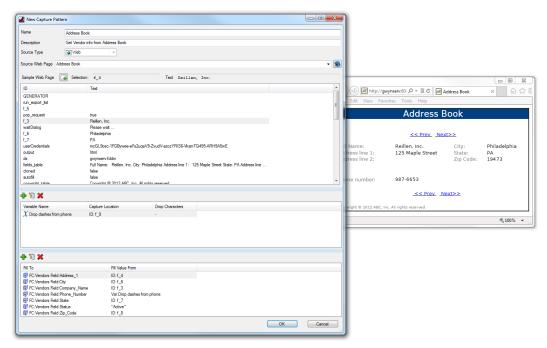
- Create Capture Pattern
- **Modify Capture Pattern**
- **Delete Capture Pattern**

Create Capture Pattern

To create a capture pattern:

- 1. In the Capture Editor, select **File>New** The **New Capture Pattern** dialog opens.
 - See Login for more information on how to login to the Capture Editor.
- 2. Enter the capture pattern Name.
- 3. Enter the capture pattern **Description**.
- 4. Select the **Source Type** of the "source" application and configure how to capture the desired values using a sample. Options are:
 - <u>Terminal:</u> Capture values from a legacy "green screen" or terminal application that is text-based.
 - Windows: Capture values from a Windows application.
 - Web: Capture values from a Web application.
 - JSON Web Service: Capture values from a JSON Web Service application using file cabinet field or web control values.
 - XML Web Service: Capture values from a XML Web Service application using file cabinet field or web control values.
- Optionally add Capture Variables to remove one or more unwanted characters from values. See Capture Variables for more information on how to add capture variables.
- Add Field Fill Definitions to say what values go where in FDD, WebFDD, or other web applications. See <u>Field Fill Definitions</u> for more information on how to add field fill definitions.

Tip: Use the blue split bars to resize the lists as desired.



 Click **OK**. The capture pattern is created. See <u>Tools Overview</u> for more information on using a capture pattern with a tool in QI.

Modify Capture Pattern

To modify a capture pattern:

- 1. In the Capture Editor, double-click the desired capture pattern. The **Modify Capture Pattern** dialog opens.
- 2. Modify the Name and Description as desired.
- 3. Modify the **Source Type's** configuration as desired. See <u>Terminal</u>, <u>Windows</u>, <u>Web</u>, <u>JSON Web</u> <u>Service</u>, and <u>XML Web Service</u> for more information.

Note: The **Source Type** itself cannot be changed for an existing pattern.

- 4. Modify the Capture Variables as desired. See Capture Variables for more information.
- 5. Modify the **Field Fill Definitions** as desired. See <u>Field Fill Definitions</u> for more information.
- 6. Click **OK**. The capture pattern is modified. See <u>QI Context Menu</u> for more information on resetting the patterns in QI to use the most updated patterns.

Delete Capture Pattern

To delete a capture pattern:

- In the Capture Editor, select one or more capture patterns. Select multiple patterns using CTRL+click or SHIFT+click.
- 2. Right-click one of the selected patterns and select **Delete**. You are prompted to confirm the delete.
- 3. Click Yes to proceed with the delete. The selected capture pattern(s) is deleted.

Source Types

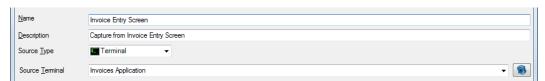
Terminal

Capture values from a legacy "green screen" or terminal application that is text-based.

To configure a terminal source type pattern:

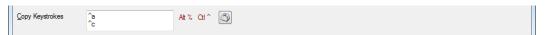
- Start up the terminal application and bring up the screen you want to capture from with sample values in it.
- 2. When configuring a capture pattern, choose **Terminal** as the **Source Type**. See <u>Create and Manage Patterns</u> for more information.
- Select or enter the Source Terminal application, which must match the application's title bar in order for QI to recognize the application. The match may be partial (e.g. "Invoices" will recognize "Invoices - 123456") and is case-sensitive ("Invoices" will not find "invoices" or "INVOICES").

If the application is not already running, start it up and then click **Refresh List of Windows b**to select it.



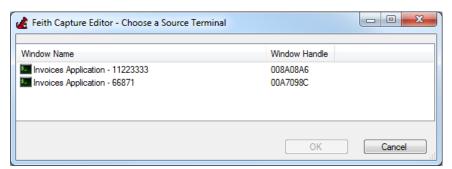
4. Enter the Copy Keystrokes, entering each command on its own line separated by pressing ENTER. If the terminal application requires a delay between commands, use the ENTER key to insert blank lines between commands; each blank line is a delay of about 1/10th of a second. These keystrokes are used copy the text from the terminal application to the clipboard for QI's access.

Tip: The ALT key is represented by a % and the CTRL key is represented by a ^.

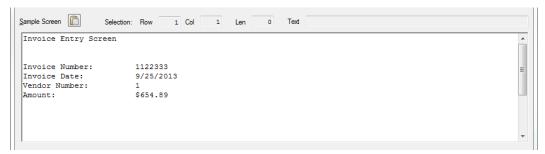


- 5. With your terminal application up, click **Send Copy Keystrokes to Source Terminal** . The **Copy Keystrokes** are used to copy the terminal application's text to the clipboard. This is essentially a test of the **Copy Keystrokes** and preparation for the next configuration step.
- 6. If you are prompted with the **Choose a Source Terminal** dialog, double-click the **Window** you want to use. You were prompted because multiple applications' title bars matched the **Source Terminal** setting; refine the **Source Terminal** setting to be more specific if desired.

Tip: Right-click on a **Window** and select **Show** to show the selected application, bringing it to the front of any windows you have open.



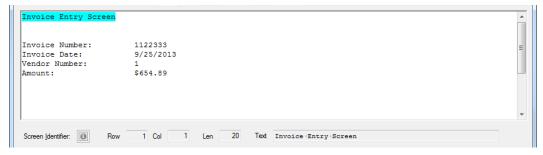
7. With the text from your terminal application copied to the clipboard, click **Paste Contents of Clipboard as Sample Screen** . The contents of the clipboard are pasted in the **Sample Screen** field, including all text from the terminal application screen: labels, values, and so on.



8. In the **Sample Screen**, click and drag to highlight the text that uniquely identifies the screen within the terminal application. QI uses this text to recognize the screen in the terminal application.



9. Click Copy Selected Text as Screen Identifier . The Screen Identifier's information is recorded, including its Row, Column, Length, and Text, and the screen identifier is highlighted blue in the Sample Screen field.



10. Continue by adding **Field Fill Definitions** and, optionally, **Capture Variables**. See <u>Field Fill Definitions</u> and <u>Capture Variables</u> for more information.

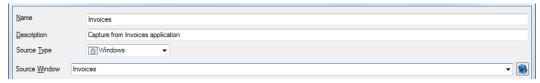
Windows

Capture values from a Windows application.

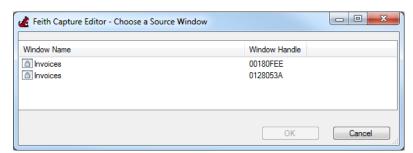
To configure a Windows source type pattern:

- 1. Start up the Windows application and bring up the interface you want to capture values from with sample values in it.
- 2. When configuring a capture pattern, choose **Terminal** as the **Source Type**. See <u>Create and Manage Patterns</u> for more information.
- 3. Select or enter the **Source Window** application, which must match the application's title bar in order for QI to recognize the application. The match may be partial (e.g. "Invoices" will recognize "Invoices 123456") and is case-sensitive ("Invoices" will not find "invoices" or "INVOICES").

If the application is not already running, start it up and then click **Refresh List of Windows** to select it.



- 4. Click Load Controls from Source Window 4.
- 5. If you are prompted with the Choose a Source Window dialog, double-click the application you want to use. You were prompted because multiple applications' title bars matched the Source Window setting; refine the Source Window setting to be more specific if desired.



All controls and their sample values are listed in the Sample Window field by Window ID and Text value.



7. Continue by adding **Field Fill Definitions** and, optionally, **Capture Variables**. See <u>Field Fill Definitions</u> and <u>Capture Variables</u> for more information.

Web

Capture values from a Web application.

Note: When capturing from a web page, only Microsoft Internet Explorer is supported.

To configure a Web source type pattern:

- 1. Start up the web application in a browser and bring up the page you want to capture values from with sample values in it.
- 2. When configuring a capture pattern, choose **Web** as the **Source Type**. See <u>Create and Manage</u> Patterns for more information.
- 3. Select or enter the **Source Web Page** application, which must match the application's title bar in order for QI to recognize the application. The match may be partial (e.g. "Invoices" will recognize "Invoices 123456") and is case-sensitive ("Invoices" will not find "invoices" or "INVOICES").

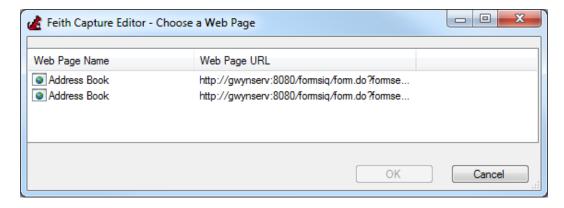
If the application is not already running, start it up and then click **Refresh List of Web Pages** bto select it.



4. Click Load Controls from Source Web Page 4.

Tip: If it is taking too long to load all controls, click **Stop Loading Controls from Source Web**Page . Capture Editor stops loading controls and only the controls loaded up until that point are listed.

5. If you are prompted with the Choose a Web Page dialog, double-click the application you want to use. You were prompted because multiple applications' title bars matched the Source Web Page setting; refine the Source Web Page setting to be more specific if desired.



6. All controls and their sample values are listed in the **Sample Web Page** field by field **ID** and **Text** value.



7. Continue by adding **Field Fill Definitions** and, optionally, **Capture Variables**. See <u>Field Fill Definitions</u> and <u>Capture Variables</u> for more information.

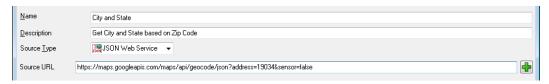
JSON Web Service

Capture values from a JSON Web Service application using file cabinet field or web control values.

Note: If multiple results come back from your web service call, QI will pick the first one.

To configure a JSON Web Service source type pattern:

- When configuring a capture pattern, choose JSON Web Service as the Source Type. See <u>Create</u> and <u>Manage Patterns</u> for more information.
- 2. Select or enter the Source URL for the web service.



3. In the **Source URL**, add file cabinet or workflow task field or web control **Tokens** to pass in the parameters for the web service call. See Web Service Tokens for more information.



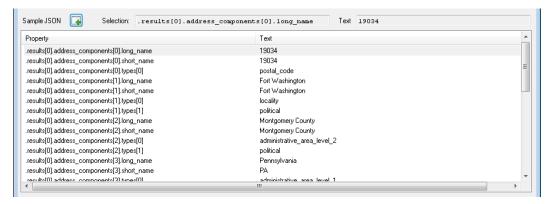
 Bring up the source of the token values (FDD Client or a web page; see <u>Web Service Tokens</u> for more information).

Alternatively, you can hardcode a sample value in the **Source URL**. However, make sure to put the tokens back before saving your capture pattern.

5. Click Call JSON Web Service 4.

Tips:

- If calling the web service directly is not an option at this time, you can get a sample by pasting from the clipboard or importing a file instead. To do this, right-click in the **Sample**JSON field and select **Paste from Clipboard** or **Import File**.
- If you do not get the properties as you expect, right-click in the **Sample JSON** field and select **Show Log** to view information on the web service call that was made.
- All properties and their sample values are listed in the Sample JSON field by Property name and Text value.



Continue by adding Field Fill Definitions and, optionally, Capture Variables. See Field Fill
Definitions and Capture Variables for more information.

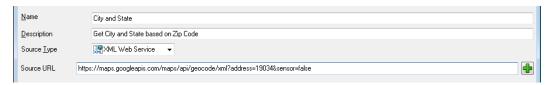
XML Web Service

Capture values from a XML Web Service application using file cabinet field or web control values.

Note: If multiple results come back from your web service call, QI will pick the first one.

To configure a XML Web Service source type pattern:

- When configuring a capture pattern, choose XML Web Service as the Source Type. See <u>Create</u> and <u>Manage Patterns</u> for more information.
- 2. Select or enter the **Source URL** for the web service.



3. In the **Source URL**, add file cabinet or workflow task field or web control **Tokens** to pass in the parameters for the web service call. See <u>Web Service Tokens</u> for more information.



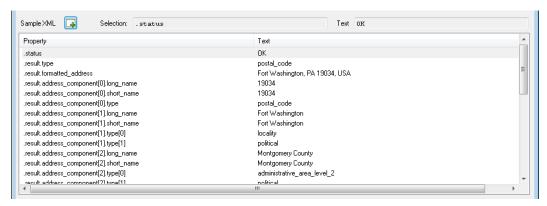
 Bring up the source of the token values (FDD Client or a web page; see <u>Web Service Tokens</u> for more information).

Alternatively, you can hardcode a sample value in the **Source URL**. However, make sure to put the tokens back before saving your capture pattern.

5. Click Call XML Web Service 4.

Tips:

- If calling the web service directly is not an option at this time, you can get a sample by pasting from the clipboard or importing a file instead. To do this, right-click in the **Sample**XML field and select **Paste from Clipboard** for **Import File**.
- If you do not get the properties as you expect, right-click in the **Sample JSON** field and select **Show Log** to view information on the web service call that was made.
- All properties and their sample values are listed in the Sample XML field by Property name and Text value.



Continue by adding Field Fill Definitions and, optionally, Capture Variables. See Field Fill
Definitions and Capture Variables for more information.

Web Service Tokens

Add tokens in the **Source URL** to pass values in the parameters for a JSON or XML web service call. You can have file cabinet, workflow task, or web control tokens.

See JSON Web Service and XML Web Service for more information on the Source URL.

Add File Cabinet or Task Token

To add a file cabinet or workflow task token:

- Start FDD and open the file cabinet or workflow user task containing the field whose value you
 want to use (open file cabinet or workflow task from folder bar).
- 2. Place your cursor in the **Source URL** where you want to add the token.
- 3. Click **Add Token** . The **Add Token** dialog opens.
- Select File Cabinet or Task Field. The fields of the open file cabinet or workflow user task are listed.

If needed, click **Refresh Field List** to refresh the list of fields.



5. Click OK. A token for the selected field is added at your cursor's location in the Source URL.



Add Web Control Token

To add a web control token:

 Start a browser and navigate to the web page containing the control whose value you want to use.

Note: When using values from a web page, only Microsoft Internet Explorer is supported.

- 2. Place your cursor in the **Source URL** where you want to add the token.
- 3. Click **Add Token** The **Add Token** dialog opens.

 Select Web Control. The controls of the open web page are listed. The following options help you select a Control: Choose Destination Browser, Refresh Field List, Browse Web Controls (see Web Control Selection Options for more information).

Tip: If it is taking too long to load all controls, click **Stop Refreshing Field List**. Capture Editor stops loading controls and only the controls loaded up until that point are listed.



5. Click OK. A token for the selected control is added at your cursor's location in the Source URL.

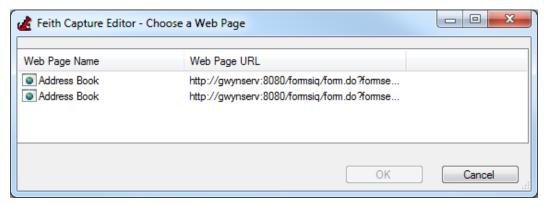


Web Control Selection Options

When adding a **Web Control** token, the following options are available to help you select the desired control:

To change the source browser used to fill the Web Control list:

1. Click Choose Source Browser . The Choose a Web Page dialog opens and lists the web pages currently open in browsers.



Double-click the desired Web Page. The Control list is populated with controls from the selected web page. To refresh the Web Control list provided from the browser:

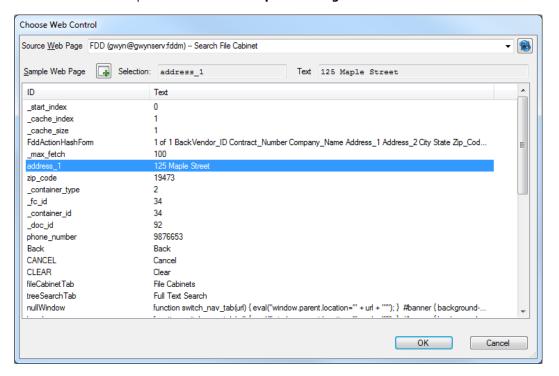
• Click **Refresh Field List .** The list of **Web Controls** provided from the browser is refreshed.

To browse the web controls, including viewing their current values, to select a Web Control:

- 1. Click Browse Web Controls. The Choose Web Control dialog opens.
- 2. Select the **Source Web Page** from the list of web pages currently open in browser windows.
- 3. Click Load Controls from Source Web Page . All controls and their sample values are listed in the Sample Web Page field by field ID and Text value.

Tip: If it is taking too long to load all controls, click **Stop Loading Controls from Source Web Page**. Capture Editor stops loading controls and only the controls loaded up until that point are listed.

4. Select the desired sample value from the Sample Web Page list.



5. Click **OK**. Your selection is set as the **Web Control**.

Note: When using values from a web page, only Microsoft Internet Explorer is supported.

Capture Variables

Use capture variables to remove one or more unwanted characters from values.

See the following for more information:

- Add Capture Variable
- Modify Capture Variable
- Delete Capture Variable

Add Capture Variable

To add a capture variable:

- When configuring a capture pattern, select a sample value from which characters need to be removed:
 - <u>Terminal</u>: For a terminal application, in the <u>Sample Screen</u> field click and drag
 to highlight the desired sample value. If real values can be longer than the
 sample, highlight past the length of the sample to the value's maximum length.
 The selection's information is recorded, including its <u>Row</u>, <u>Column</u>, <u>Length</u>, and
 <u>Text</u>.



Windows, Web, JSON Web Service, or XML Web Service: For other applications, select the desired sample value from the Sample list.

Tip: Easily find the desired control or property by sorting by the sample **Text**. Click the **Text** header to sort sample values alphabetically in ascending order; click it again to sort in descending order. Find the sample **Text** you are looking for and that is the control or property you need.



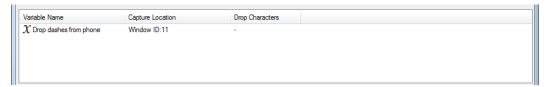
- 2. Click Add Capture Variable . The Add New Capture Variable dialog opens and displays the Location of the selected sample value.
- 3. Enter the capture variable's Name.

 In the **Drop Characters** field, enter the characters you want removed from the value. Enter one or more characters. When entering multiple characters, enter them one after another without spaces or anything else in between.



5. Click **OK**. The capture variable is added and is now available to use in a field fill definition. See Field Fill Definitions for more information.

Continue to add capture variables as needed.



Modify Capture Variable

To modify a capture variable:

- 1. When configuring a capture pattern, if you want to change which value the capture variable uses then select a different sample value in the **Sample** field for your **Source Type**.
 - <u>Terminal:</u> For a terminal application, in the **Sample Screen** field click and drag to highlight the desired sample value. If real values can be longer than the sample, highlight past the length of the sample to the value's maximum length. The selection's information is recorded, including its **Row**, **Col**umn, **Length**, and **Text**.
 - Windows, Web, JSON Web Service, or XML Web Service: For other applications, select the desired sample value from the Sample list.
- 2. Double-click the desired capture variable. The Modify Capture Variable dialog opens.
- 3. Change the capture variable as desired. If you had selected a different value for the capture variable to use, click **Replace with Current Location Selection** to modify the **Location**.
- 4. Click **OK**. The capture variable is modified.

Delete Capture Variable

To delete a capture variable:

- When configuring a capture pattern, select the desired capture variable(s). Select multiple variables using SHIFT+click or CTRL+click.
- 2. Click **Delete Capture Variable X**. The capture variable(s) is deleted.

Field Fill Definitions

Use field fill definitions to say what values go where in FDD, WebFDD, or other web applications.

See the following for more information:

- Add Field Fill Definition
- Modify Field Fill Definition
- Delete Field Fill Definition
- Web Form Field Selection Options

Add Field Fill Definition

- 1. When configuring a capture pattern, before you start adding the field fill definition:
 - If you want to add a field fill definition using a Source Type of Direct Capture then select
 a sample value in the Sample field for your Source Type.
 - Terminal: For a terminal application, in the Sample Screen field click and drag
 to highlight the desired sample value. If real values can be longer than the
 sample, highlight past the length of the sample to the value's maximum length.
 The selection's information is recorded, including its Row, Column, Length, and
 Text.



 Windows, Web, JSON Web Service, or XML Web Service: For other applications, select the desired sample value from the Sample list.

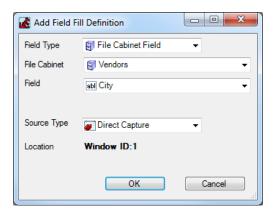
Tip: Easily find the desired control or property by sorting by the sample **Text**. Click the **Text** header to sort sample values alphabetically in ascending order; click it again to sort in descending order. Find the sample **Text** you are looking for and that is the control or property you need.



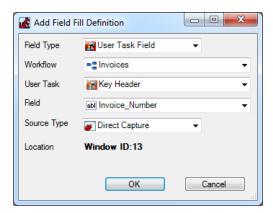
If you want to add a field fill definition filling into a Field Type of Web Form Field then
open a browser and navigate to the web page containing the fields you want to fill in (e.g.
WebFDD, Forms iQ form, or other web page).

Note: When filling into a web page, only Microsoft Internet Explorer is supported.

- 2. Click Add Field Fill Definition . The Add New Field Fill Definition dialog opens. The Location of the selected sample value is displayed (used only for Direct Capture).
- 3. Select and configure the fill's **Field Type**. Options are:
 - File Cabinet Field: Fill into a file cabinet field (e.g. in FDD). Select the File Cabinet and Field.

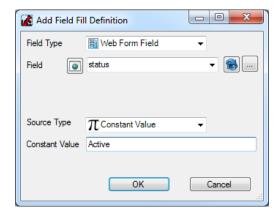


 User Task Field: Fill into a workflow user task field (e.g. in FDD). Select the Workflow, workflow User Task, and Field.

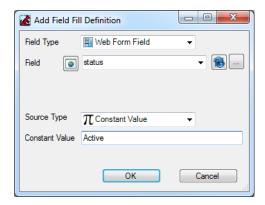


 Web Form Field: Fill into a web form field (e.g. in WebFDD or Forms iQ form). Select the Field. The following options help you select a Field: Choose Destination Browser, Refresh Field List, Browse Web Controls (see Web Form Field Selection Options for more information).

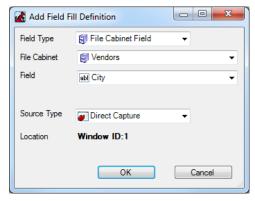
Note: When filling into a web page, only Microsoft Internet Explorer is supported.



- 4. Select and configure the fill's **Source Type**. Options are:
 - Constant Value: Fill a constant, fixed value into the field. Enter the Constant Value.



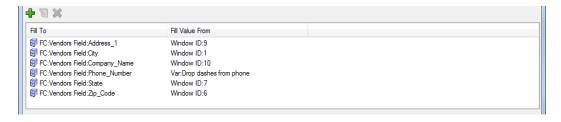
• **Direct Capture:** Fill the value from the selected **Location** into the field. The **Location** is selected prior to opening the **Add New Field Fill Definition** dialog.



• Capture Variable: Fill the value from a capture variable into the field. Select the Variable. See <u>Capture Variables</u> for more information on capture variables.



5. Click OK. The field fill definition is added. Continue to add field fill definitions as needed.



Modify Field Fill Definition

To modify a field fill definition:

- 1. When configuring a capture pattern, before you start modifying the field fill definition:
 - If you want to modify which value is used by a field fill definition with a Source Type of
 Direct Capture then select a different sample value in the Sample field for your Source
 Type.
 - Terminal: For a terminal application, in the Sample Screen field click and drag to highlight the desired sample value. If real values can be longer than the sample, highlight past the length of the sample to the value's maximum length. The selection's information is recorded, including its Row, Column, Length, and Text
 - Windows, Web, JSON Web Service, or XML Web Service: For other applications, select the desired sample value from the Sample list.
 - If you want to modify a field fill definition filling into a Field Type of Web Form Field then
 open a browser and navigate to the web page containing the fields you want to fill in (e.g.
 WebFDD, Forms iQ form, or other web page).

Note: When filling into a web page, only Microsoft Internet Explorer is supported.

- 2. Double-click the desired field fill definition. The Modify Field Fill Definition dialog opens.
- Change the field fill definition as desired. If you had selected a different value for a Direct Capture field fill definition to use, click Replace with Current Location Selection to modify the Location.
- 4. Click **OK**. The field fill definition is modified.

Delete Field Fill Definition

To delete a field fill definition:

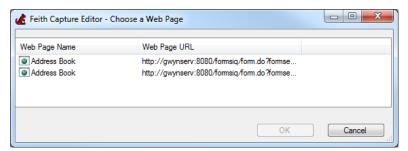
- When configuring a capture pattern, select the desired field fill definition(s). Select multiple definitions using SHIFT+click or CTRL+click.
- 2. Click **Delete Field Fill Definition ***. The field fill definition(s) is deleted.

Web Form Field Selection Options

When filling into a **Field Type** of **Web Form Field**, the following options are available to help you select the desired field:

To change the destination browser used to fill the Field list:

1. Click Choose Destination Browser . The Choose a Web Page dialog opens and lists the web pages currently open in browsers.



Double-click the desired Web Page. The Field list is populated with fields from the selected web page. To refresh the **Field** list provided from the browser:

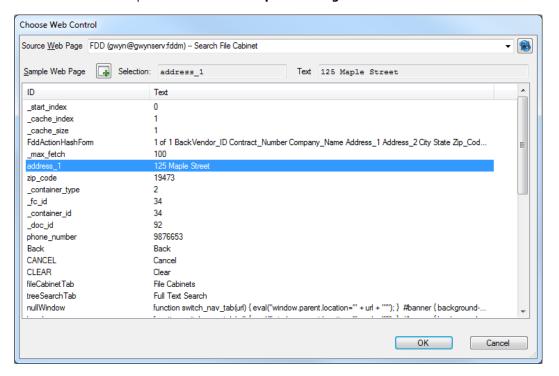
Click Refresh Field List . The list of Fields provided from the browser is refreshed.

To browse the web controls, including viewing their current values, to select a Field:

- 1. Click Browse Web Controls. The Choose Web Control dialog opens.
- 2. Select the **Source Web Page** from the list of web pages currently open in browser windows.
- 3. Click Load Controls from Source Web Page . All controls and their sample values are listed in the Sample Web Page field by field ID and Text value.

Tip: If it is taking too long to load all controls, click **Stop Loading Controls from Source Web Page**. Capture Editor stops loading controls and only the controls loaded up until that point are listed.

4. Select the desired sample value from the Sample Web Page list.



5. Click **OK**. Your selection is set as the **Field**.

Note: When filling into a web page, only Microsoft Internet Explorer is supported.

Export and Import Patterns

Export a capture pattern to a .xml file, then use the file to import the capture pattern to another FDD database (e.g. from a test system to a production system).

Export Capture Pattern

To export a capture pattern:

 In Capture Editor, select one or more capture patterns. Select multiple patterns using CTRL+click or SHIFT+click.

See Login for more information on how to login to the Capture Editor.

- 3. Browse to the desired location and click **Save**. The .xml export file containing the capture pattern(s) is saved to the specified location.

Import Capture Pattern

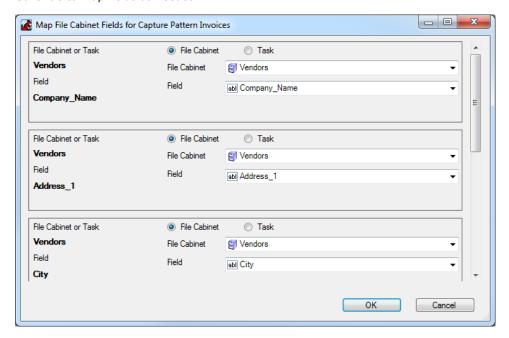
To import a capture pattern:

- 1. In Capture Editor, select **File>Import** . The **Import Capture Pattern** dialog opens.
- 2. Browse to the .xml export file and select it, then click **Open**.
- 3. If a capture pattern of the same name already exists, you are prompted as to whether you want to **Replace Existing Capture Pattern**. Options are:
 - Yes: Replace the existing capture pattern.
 - **No:** Do not replace the existing capture pattern and import the capture pattern, giving it a new name. The pattern will have the same name with a number appended on the end (e.g. "001").
 - Cancel: Cancel the import.
- If the capture pattern has a Field Fill Definition that fills a File Cabinet Field or User Task
 Field (see Field Fill Definitions for more information), you will be prompted to Map File Cabinet
 Fields.

There may be one or more mappings. To map fields:

a. View the original ${f File}$ Cabinet or ${f Task}$ and ${f Field}$ names on the left, for reference.

- b. Choose whether to map the field fill definition to a **File Cabinet** or **Task:**
 - File Cabinet: Fill into a file cabinet field (e.g. in FDD). Select the File Cabinet and Field.
 - Task: Fill into a workflow user task field (e.g. in FDD). Select the Workflow, workflow User Task, and Field.
- c. Continue to map fields as needed.



- d. Click **OK**. The fields are mapped.
- 5. The capture pattern is imported.

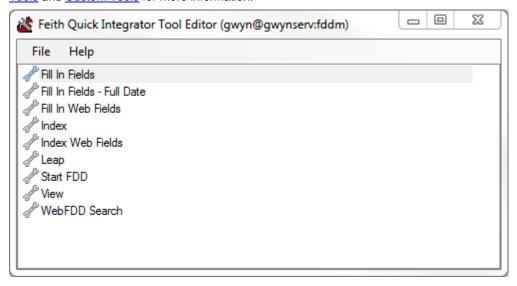
Tool Editor

Introduction

The Tool Editor is an optional, administrative module that is only available if it was installed on your machine with Quick Integrator.

Feith QI Tool Editor is the administrative tool used to create and manage tools. A "tool" tells QI what to do such as viewing a document, entering index values, or filling out a web form. The tool typically follows a "capture pattern" that tells the tool where to get the values and then where to fill them into (see <u>Capture Editor</u> for more information on capture patterns).

You can use the standard tools provided or create your own custom tools to suit your needs. See <u>Standard Tools</u> and <u>Custom Tools</u> for more information.



Standard Tools

Import and use standard tools. The standard tools you use depend on the FDD application you are working with; it's normally the application into which you are filling values. See Export and Import Tools for more information on importing standard tools.

The possible applications are:

- FDD Client: You are filling values into the FDD Client (or in the case of Leap, leaping from FDD client). These tools include:
 - Start FDD: Start FDD Client.
 - Fill In Fields: Capture values from your application and fill them into FDD Client.
 - Index: Capture values from your application, fill them into FDD Client, and index the document.
 - View ("Show Me The Paper" in FDD): Capture values from your application, fill them
 into FDD Client, search for documents, and view the first document in the search results.
 - <u>Leap:</u> Leap from a document in FDD Client to another application or a website.
- WebFDD or other web page: You are filling values into WebFDD or another web page (e.g. Forms iQ form). These tools include:
 - Fill In Web Fields: Capture values from your application and fill them into a web page, such as WebFDD, a Forms iQ form, or other web page.
 - Index Web Fields: Capture values from your application, fill them into WebFDD, and index the document.
 - WebFDD Search ("Show Me the Paper" in WebFDD): Capture values form your application, search for documents in WebFDD, and view the document (if there's only one).

Custom Tools

Make your own custom tools in VBScript using the QI API. See <u>Create and Manage Tools</u> and <u>QI API Reference</u> for more information.

The Menus

Tool Editor has a <u>File</u> menu and <u>Help</u> menu.

File

MENU OPTION	ACTION
[€]New	Create a new tool. See <u>Create and Manage Tools</u> for more information.
Modify	Modify a tool. See <u>Create and Manage Tools</u> for more information.
Delete	Delete a tool. See <u>Create and Manage Tools</u> for more information.
∌ Export	Export a tool. See Export and Import Tools for more information.
∄ Import	Import a tool. See Export and Import Tools for more information.
Reconnect	Open the Feith Quick Integrator Tool Editor Login dialog, where you can change login information or options. See <u>Login</u> for more information.
Exit	Log out and shut down Tool Editor.

Help

MENU OPTION	ACTION
Feith QI Tool Editor	View the help file for QI, Capture Editor, and Tool Editor.
About Feith QI Tool Editor	View version and copyright information, as well as current session information.

Create and Manage Tools

Create and manage tools that tell QI what to do in your application and FDD applications. Standard tools are shipped with QI and you can also make your own custom tools. See Export and Import Tools for more information on importing standard tools.

See the following for more information:

- **Create Custom Tool**
- **Modify Tool**
- **Delete Tool**

Note: It is recommended that you do not modify standard tools. Instead, copy the VBScript from the standard tool and paste it into your custom tool then modify it. See Standard Tools for more information.

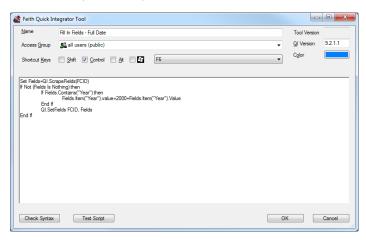
Create Custom Tool

To create a custom tool:

- In the Tool Editor, select File>New . The Tool dialog opens.
 See Login for more information on how to login to the Capture Editor.
- 2. Enter the tool Name.
- In the Access Group field, select the user or group who has permission to see and use the tool
 in QI. Users and groups are created in Feith Control Panel (see Feith Control Panel User
 Guide for more information).
- 4. Optionally select **Shortcut Keys** used to run the tool:
 - a. Change **None** to the desired key.
 - Optionally require additional key presses by checking any combination of Shift, Control, and/or Alt. All keys selected must be held down simultaneously in order to run the tool.
- 5. Enter the minimum **QI Version** required to run the tool. Users who do not have the minimum required version will not see the tool.
- Select the Color of the tool's name displayed in the QI toolbar. See QI Toolbar for more information.
- 7. Enter the VBScript, referring to QI API Reference for the available functions, methods, and objects.

Tips:

- Use a single quote ' to write comments in your VBScript.
- Click Check Syntax to verify that your syntax is correct.
- Click Test Script to run the script in Tool Editor. You will be prompted with a message when the script has completed.



8. Click **OK**. The tool is created. See Tools Overview for more information on using a tool in QI.

Modify Tool

To modify a tool:

- 1. In the Tool Editor, double-click the desired tool. The **Tool** dialog opens.
- 2. Modify the tool properties as desired

Note: It is recommended that you do not modify the VBScript of standard tools. Instead, copy the VBScript from the standard tool and paste it into your custom tool then modify it. See Introduction for more information on standard tools.

3. Click **OK**. The tool is modified. See QI Context Menu for more information on reloading tools in QI to use the most updated tools.

Delete Tool

To delete a tool:

- 1. In the Tool Editor, select one or more tools. Select multiple tools using SHIFT+click and CTRL+click.
- 2. Right-click one of the selected tools and select **Delete**
- 3. Click **Yes** to proceed with the delete. The selected tool(s) is deleted.

QI API Reference

Introduction

Make your own custom tools in VBScript using the QI API's functions, methods, and objects. Standard FDD methods are accessible via the QI object. See Create and Manage Tools for more information on creating a custom tool.

See the following for more information:

- QI Object
- Other Objects
- De-Supported Methods and Objects

Tip: Use a single quote 'to write comments in your VBScript.

Examples

A custom tool similar to Fill In Fields that makes all scraped file cabinet values uppercase:

A custom tool similar to Fill In Fields that takes the two-digit value captured from a field called "Year" and reformats it into a four-digit format (e.g. "04" becomes "2004"):

QI Object

The QI Object is the main object used for talking with FDD and executing QI functions.

Note: As defined by VBScript, Long is a 32-bit value.

The following functions and methods are supported for the QI Object:

AppActivate

```
AppActivate(sApp as String)
```

Brings application sApp to the foreground.

ChooseDestinationBrowser

```
ChooseDestinationBrowser(sTitle as String) as Boolean
```

Looks for a Destination Browser that contains *sTitle* in its title and if founds sets that as the Destination Browser.

If the last selected Destination Browser contains *sTitle* then QI will continue to use that browser. If no browser was previously selected, QI will look for browsers that contain *sTitle*. If only one browser contains *sTitle*, then it is automatically selected; if multiple browsers contain *sTitle*, then the user is prompted with a list.

If the *sTitle* is blank and there are no available browsers, QI will launch a new instance of Microsoft Internet Explorer. However, if *sTitle* has a value and no browsers are available, then false is returned.

CurrentFCID

```
CurrentFCID() as Long
```

Returns the File Cabinet ID of the file cabinet currently being viewed in FDD Client. If no file cabinet is being viewed then 0 is returned.

ExecuteDDE

```
ExecuteDDE (sCommand as String) as String
```

Executes the DDE command specified as sCommand in FDD and returns the result.

FillInFields

```
FillInFields(Optional FCID as Variant) as Boolean
```

Captures and fills into file cabinets fields in FDD Client. If *FCID* is specified, that file cabinet will be used. If *FCID* is not specified, the current file cabinet is used (if there is an applicable capture pattern). Otherwise the user is prompted to select a file cabinet.

Returns true if an attempt to fill in fields is successfully made. Returns false if terminated in an expected way, such as a user cancelling out of the list of available capture patterns.

FillInWebFields

```
FillInWebFields() as Boolean
```

Captures and fills in form fields in a web page being viewed in Microsoft Internet Explorer (IE).

If no browser was previously selected, QI will look for browsers. If only one browser is available, then it is automatically selected; if there are multiple browsers, then the user is prompted with a list.

If a browser had been previously selected by the user as the Destination Browser, it will continue to use that browser until it is no longer available, or until the user executes **Reset Patterns** from the QI Context Menu, or until the **ResetDestinationBrowser** method is used.

GetCurrentFieldValues

```
GetCurrentFieldValues() as QICollection
```

Returns a **QICollection** of the values currently selected in FDD Client.

Leap

```
Leap(Optional LEAPID as Long) as Boolean
```

Executes either an Application or URL Leap using the current document selected in FDD Client. If LEAPID is specified, executes that specified leap. Otherwise, displays the Choose a Leap screen.

Returns true if a leap is executed. Returns false if leap execution is canceled by the user.

Log

```
Log(sText as String)
```

Writes sText to the QI log.

MessageBox

```
MessageBox(ByVal as String, Optional ByVal MyStyle as MsgBoxStyle =
MsgBoxStyle.Information, Optional ByVal Title as String = "") as
MsgBoxStyle
```

Same as the standard MsgBox function except makes sure the Toolbar does not occlude the window.

NewCollection

```
NewCollection() as Object
```

Returns empty **QICollection** object. See **QICollection** for more information.

PressFillButton

```
PressFillButton(ButtonName as String) as Boolean
```

Attempts to press a button with the name or ID of *ButtonName* in the web page being displayed as the Destination Browser. If no Destination Browser has been previously selected or it is no longer usable, QI will look for browsers. If only one browser is available, it is automatically selected; if there are multiple browsers, then the user is prompted with a list.

Returns false if no Destination Browser has been selected or if a button with that name is not found.

ResetDestinationBrowser

```
ResetDestinationBrowser()
```

Clears the Destination Browser specified previously by the user so that the next time **FillInWebFields** is called it will force a re-selection.

ResetPattern

```
ResetPattern()
```

Clears the pattern last chosen by the user so that next time one is required there has to be a reselection.

RunBrowser

```
RunBrowser (sURL as String)
```

Launches default web browser with specified sURL.

RunProgram

```
RunProgram(CommandLine as String, Optional Style AppWinStyle =
AppWinStyle.NormalFocus) as Long
```

Runs the standard Microsoft Shell function with the specified program *CommandLine* and *Style*. Returns the Process ID of the called application.

ScrapeFields

```
ScrapeFields(Optional ByRef FCID as Variant = 0, Optional sPatternName as String) as QICollection
```

Selects a capture pattern, either the one named *sPatternName* or via the typical prompt selection, and returns a **QICollection** of **QIVar** type objects holding the value of the file cabinet field defined by the pattern (see <u>Other Objects</u> for more information). Combined with **SetFields** this can be used to customize the final file cabinet values as shown in the examples (see <u>Examples</u> for more information).

If a capture pattern is not found or none is selected, an empty **QICollection** will be returned with a *FCID* of 0. *FCID* can be passed in to define what file cabinet to get fields for or if 0 is passed it will return with the value of whatever file cabinet was selected for that pattern.

ScrapeVariables

```
ScrapeVariables (Optional sPatternName as String) as QICollection
```

Captures the defined variables for the pattern named *sPatternName*, if it is specified. If not specified, then uses the standard means of identifying which pattern to use. That is, the last one selected is used, or if none was selected previously then QI sees if there is more than one pattern available. If only one pattern is available, then that one is used; if multiple patterns are available, then the user is prompted with a list.

(For **Terminal** patterns, the *sPatternName* only identifies the type of terminal application to use. The actual pattern use is automatically identified (the first one that matches the identifier).

ScrapeWebFields

```
ScrapeWebFields(Optional sPatternName as Strong) as QICollection
```

If *sPatternName* is passed, find a pattern with that name, otherwise use normal procedure to select or re-select a pattern, and return a **QICollection** made up of that name and values captured (as defined by the pattern). See QICollection for more information.

SetFC

```
SetFC(FCID as Variant)
```

If *FCID* is numeric, sets FDD Client to the file cabinet or task with that ID. If non-numeric, sets FDD Client to the file cabinet or task with that name.

SetFCField

```
{\tt SetField}(\textit{FldName} \ {\tt as} \ {\tt String}, \ \textit{FldValue} \ {\tt as} \ {\tt String}) \ {\tt as} \ {\tt Boolean}
```

In the current file cabinet or workflow task displayed in FDD Client, sets the field with name *FldName* to the value *FldValue*. Returns true if successful.

SetFields

```
SetFields (FCID as Variant, Values, as Object)
```

If *FCID* is present and numeric, sets FDD Client to the file cabinet or task with that ID. If present and non-numeric, sets FDD Client to the file cabinet or task with that name (if one exists).

If FCID is absent, tries to fill values into the current file cabinet or task displayed in FDD Client.

Values is expected to be a **QICollection** made of **QIVar** objects where the name property holds the specified field name in the file cabinet and the value property holds the value to set the field to. See Other Objects for more information.

This can be used in conjunction with the **ScrapeFields** function where the values for a file cabinet can be captured, modified in the tool, and then set using this function.

SetWebFields

```
SetWebFields(WebFieldValues as QICollection) as Integer
```

Attempts to set web fields in Destination Browser (either last browser or the selected one) to the values specified by the *WebFieldValues* **QICollection**. See QICollection for more information.

ShowStatus

```
ShowStatus (sStatus as String)
```

Displays sStatus in the QI toolbar status bar and adds it to the QI log.

StartFDD

```
StartFDD() as Boolean
```

Launches FDD Client, if it is not currently running. If FDD Client is already running, brings it to the foreground. Return true if FDD Client is either already running or launched successfully.

Version

```
Version() As String
```

Returns the version of QI currently being used.

Wait

```
Wait (Milliseconds as Long)
```

Waits for at least Milliseconds milliseconds before returning.

WebFDDSearch

```
WebFDDSearch(Optional FCID as Long = 0)
```

Launches a WebFDD search using the value captured from the selected pattern. If FCID is an integer greater than 0, will try to capture to the File Cabinet with that ID.

Note: If you do not see an object or method you are looking for, check De-Supported Methods and Objects.

Other Objects

The QI API also has the QIVar and QICollection objects.

Note: As defined by VBScript, Long is a 32-bit value.

QIVar

Objects of type QIVar are often used for returned named values.

QIVar has two properties:

- Name as String (Read-Only)
- Value as String

QICollection

QICollection is an enumerable group of QIVar objects that can be iterated through in a "For Each" loop. QICollection supports these additional methods:

Add

```
Add(sName as String, sValue as String)
```

Adds a **QIVar** with Name of *sName* and Value of *sValue*. If there is an existing **QIVar** with the given name, it will be replaced.

Clear

Clear()

Removes any items from the QICollection.

Contains

```
Contains (sName as String) as Boolean
```

Return true if there is a **QIVar** with name of *sName*, false otherwise.

Count

```
Count() as Integer
```

Returns the number of Items in the QICollection.

ElementAt

```
{\tt ElementAt} \, (i \, Pos \, \, {\tt as } \, \, {\tt Long}) \, \, \, {\tt as } \, \, {\tt QIVar}
```

Returns the QIVar at position iPos, indexing from 0.

Item

```
Item(sName as String) as QIVar
```

Returns a **QIVar** with name *sName* if it is in the collection. Throws an error if the *sName* is not present.

Tool Editor

Remove

Remove(sName as String) as Boolean

Removes element with name of sName from the collection. Returns true if successful, false if the element is not present.

Note: If you do not see an object or method you are looking for, check <u>De-Supported Methods and Objects</u>.

De-Supported Methods and Objects

The following methods and objects that were previously available are no longer supported:

- ${\sf ChooseHostApp}$

ActivateTerminal

- ChooseScreen
- CopyClipboard
- ExecTool
- **FDDVersion**
- LeapBack
- PasteClipboard
- ReadIni
- ResetTerminal
- SendKeyStrokes
- UpdateLookups
- WriteIni
- clsVar

Export and Import Tools

Export a tool to a .ftl file, then use the file to import the tool to another FDD database (e.g. from a test system to a production system).

Also, when first setting up QI, you can import the standard tools provided in the **Tools** folder. See <u>Standard</u> Tools for more information on standard tools.

Export Tool

To export a tool:

 In Tool Editor, select one or more tools. Select multiple patterns using CTRL+click or SHIFT+click.

See Login for more information on how to login to the Tool Editor.

- Select File>Export . The Export Tool dialog opens.
- 3. Browse to the desired location and click **Save**. The .ftl export file containing the tool is saved to the specified location.

This process is repeated for each tool you had selected to export.

Import Tool

To import a tool:

- In Tool Editor, select File>Import . The Import Tool File dialog opens.
- Browse to the .ftl export file(s) and select one or more files, then click Open. Select multiple files to import using CTRL+click or SHIFT+click.

Standard tools' .ftl files are located in Quick Integrator's install directory in the **Tools** folder (e.g. C:\Feith\Quick Integrator\Tools).

- If a tool of the same name already exists, you are prompted as to whether you want to Replace Existing Tool. Options are:
 - Yes: Replace the existing tool.
 - **No:** Do not replace the existing tool and import the tool, giving it a new name. The tool will have the same name with a number appended on the end (e.g. "001").
 - Cancel: Cancel the import.
- 4. The tool is imported.

Glossary

C

Capture Editor: The administrative tool to create and manage capture patterns.

Capture Pattern: Identifies an application and tells QI how to "read" the application to capture the values you need and then how to "fill" the captured values into another application.

D

Destination Browser: The browser into which QI fills values.

F

FDD Power Client: The FDD (Feith Document Database) Windows client.

Feith Control Panel: The Feith application used to create and configure various objects in an FDD system.

Forms iQ form: A web form created and submitted using Feith's Forms iQ application.

I

Index: The process of permanently assigning a page to a file cabinet. Pages are indexed by entering file cabinet field values (metadata).

L

Leap: A specialized search (set up in Feith Control Panel) that enables users to "leap" to a related URL or application.

Q

QI Context Menu: A menu containing various options for QI. The menu is opened by right-clicking on the QI icon in the System Tray or by right-clicking on the QI toolbar.

QI Toolbar: Lists all the QI tools in a user-friendly toolbar with color-coded buttons.

Quick Integrator (QI): The end-user program used to integrate your applications with Feith applications where a user runs tools with capture patterns.

S

Source Application: The application from which QI captures values.

T

Tool: Tells QI what to do such as viewing a document, entering index values, or filling out a web form.

Tool Editor: The administrative tool to create and manage tools.

W

WebFDD: The FDD (Feith Document Database) web client.

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