



Adlib PDF FileNet Connector Guide

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Table of Contents

1 Adlib PDF FileNet Connector Guide Overview.....	2
Typographical Conventions.....	2
Notes.....	3
Terminology	3
2 FileNet Connector Installation	4
Prerequisites	4
Installation Instructions.....	6
3 Manual System Configuration	11
Assigning the Connector to the Environment.....	11
Configuring the Source(s)	12
Assigning the FileNet Source to an Instruction Set.....	14
Configuring the FileNet Connector System Settings.....	16
Starting the FileNet Connector.....	19
4 Using the FileNet Connector.....	21
Submitting Content from FileNet to Adlib PDF.....	21
Output	23
Common Scenarios.....	24
Behavior Rule Setting Procedures	25
Performance Rule Setting Procedures.....	28
General Procedures	29
5 FileNet Connector System Settings	30
A Contact Adlib	34
B Index	35

Adlib PDF FileNet Connector Guide

Overview

Adlib PDF is the next generation of Adlib transformation technology. Its design offers a high degree of flexibility for developing systems that provide scalability and high availability. Adlib PDF can receive input from many types of applications, including Microsoft Exchange.

The Adlib PDF FileNet Connector Guide provides a comprehensive list of the steps required to install, configure and use the **FileNet Connector** within Adlib PDF.

Typographical Conventions

The following typographical conventions are used throughout this guide.

Item	Convention	Examples
Adlib elements	Teal, Title case	The Folder Connector integrates with file folders
Menu options & titles Push buttons Settings	Bold	Select Transformation Rules from the Settings menu. Click Save . Drag Active from the <i>Settings toolbox</i> .
Page elements and titles Window titles	Italics	Navigate to the <i>Edit</i> tab on the <i>Rule Set Editor</i> page. Drag Active from the <i>Settings toolbox</i> to the <i>work area</i> . Define attribute settings in the <i>Edit Attribute</i> window.
Script	Mono code	<code>\${Adlib.FolderConnector.InputFileExtension}</code>
URLs	Lowercase	<code>http://www.adlibsoftware.com/</code>
User-defined element	Enclosed in angle brackets	<code>C:\Adlib\<install folder></code>

Notes

Notes, cautions and tips are offered throughout the guide and are quickly identified with the following icons:



Provides informational notes relevant to the content.



Provides important cautionary notes relevant to the content.



Provides helpful tips and shortcuts.

Terminology

Detailed descriptions of terminology applicable to the Adlib product can be found in the Adlib PDF Glossary.

FileNet Connector Installation

The **FileNet Connector** enables Adlib PDF to receive and transform content from IBM FileNet Workplace, Workplace XT and Content Navigator.

Each **FileNet Connector** instance can monitor one or more Object Stores, or multiple Connector instances can monitor the same Object Store for redundancy purposes. If desired, multiple instances of the **FileNet Connector** can be installed on the same machine.

Adlib Knowledge Base

Additional product information can also be found in the Knowledge Base on the **Adlib Customer Portal**. Visit www.adlibsoftware.com and click the **Portal Login** link at the top of the page to access the portal.


Prerequisites

The following prerequisites must be available prior to the installation of the **FileNet Connector**.

Hardware Requirements

Component	Requirement
Adlib PDF	See the Adlib PDF Installation Guide for System Requirements.
Processor Speed	Minimum: The hardware required to run the Operating System on the machine. Recommended: Improved performance of the Connectors can be gained by increasing the amount of RAM and number of CPUs.
Memory (RAM)	
Hard Disk Space	

Software Requirements

Component	Requirement
Adlib PDF	Adlib PDF must be installed on the same network prior to the FileNet Connector installation.  Please refer to the compatibility matrix in the Upgrading section of the Adlib PDF Installation Guide to determine which version(s) of the Connector are compatible with the installed version of Adlib PDF.
IBM FileNet P8	4.5 to 5.2
Workplace	4.0.2
Workplace XT	1.1.4
Content Navigator	2.0.2
Operating System	Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2
Java	Java 1.6 or higher

FileNet Properties

The following properties must be created in FileNet before content can be submitted to Adlib PDF. Use the FileNet Enterprise Manager Administration Tool to configure these properties at each Document level class; alternatively, the properties can be created at the Parent level class and inherited to the Document class(es). Please see the additional notes for more information on the property attributes that are required.

Symbolic Name	Display Name	Type	Length
AdlibRenditionRequestPending	Request Rendition	Boolean	
AdlibStatus	Adlib Status	String	16
AdlibLastModifiedOn	Adlib Modification Date	DateTime	
AdlibJobId	Adlib Job ID	ID	
AdlibCompletionDescription	Rendering Details	String	512
AdlibFileNetDocumentIdReference	Rendition Object ID	ID	
AdlibFileNetObjectStoreIdReference	Object Store ID	ID	
AdlibFileNetObjectLinkReference	Source Object ID	Object	
AdlibBatchID	Adlib Package ID	ID	

Symbolic Name	Display Name	Type	Length
AdlibBatchOrder	Merge Order	Integer	

Additional Notes:

1. For all properties, the **Hidden** attribute is optional.
2. For all properties, the **Copy to Reservations** attribute is **False**.
3. For the **Source Object ID** property, the **Require Class** is **Document**.
4. For the **Source Object ID** property, the **Allows Foreign Objects** attribute is **True**.

Content Navigator Plug-In Requirement

The FileNet Content Navigator application requires the Adlib ICN plug-in in order to display the Adlib **Transform** and **Merge** buttons in the user interface.

To configure the Adlib ICN plug-in, download the Adlib.jar file supplied by Adlib and copy it to the root location of the Content Navigator web server. Specify this file in the plug-in JAR file path.

After configuring the Adlib ICN plug-in, the Transform and Merge functions can be added to the desired toolbars within the ICN Desktop configuration.

Workplace Configuration

Follow the steps detailed below to configure the Adlib **Transform** and **Merge** elements within the Workplace application:

1. Extract the contents of the "WorkplaceConfig.zip" file to a temporary location on the server where Workplace is installed.
2. Explode the Workplace WAR/EAR file.
3. Navigate to the temporary location from Step 1.
4. Copy the Adlib.jar to the following directory within Workplace:
<ROOT>\WEB-INF\lib
5. Copy the "adlib" folder and its contents to the root directory of Workplace.
6. Repackage the Workplace WAR/EAR file.
7. Deploy the Workplace application to the application server.
8. Copy the contents of the AdlibActions.xml file into the Actions.xml used by Workspace (i.e. \App\IBM\FileNet\Config\AE\Action.xml).
9. Save and close the file.
10. Refresh the Workplace application settings.

Installation Instructions

↓ To Install the FileNet Connector:

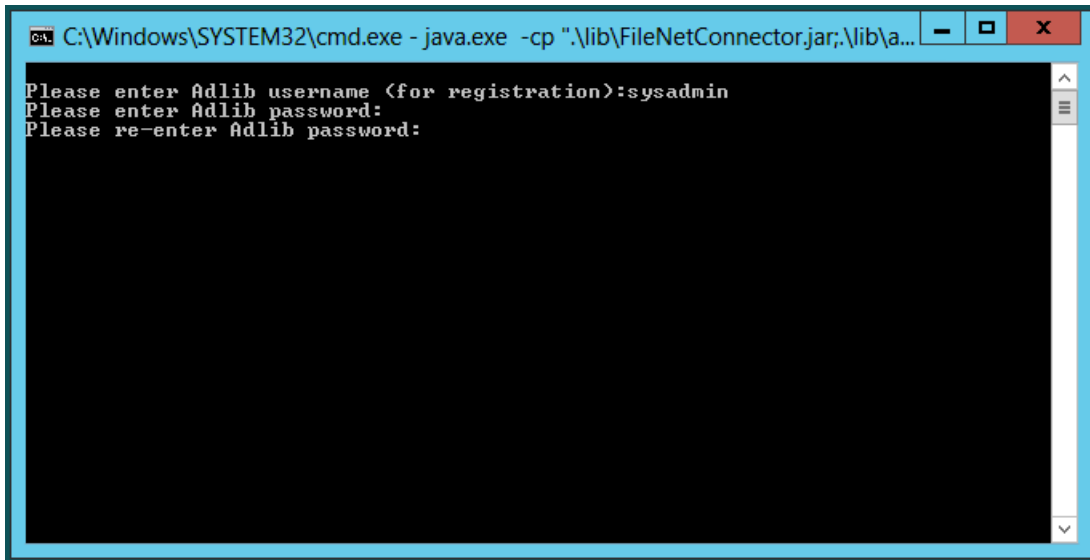
1. Create a new folder named "FileNet Connector" and place it in the following location:
C:\Program Files\Adlib

Note: This folder must be in the same location as Adlib.config.

2. Extract the contents of the FileNet.zip folder to the FileNet Connector folder.
3. Optional: If there is a need to modify the name of the installation folder, follow these steps:
 - a) Modify the name of installation folder (e.g. FileNetConnector1).
 - b) Open Adlib.Connectors.Console.exe.config. Modify the key "COMPONENT_PATH" to reflect the new file name, as in this example:

```
<add key="COMPONENT_PATH" value="..\FileNetConnector1\Adlib.Connectors.Console.exe" /> ).
```
4. Within the FileNet Connector folder, click **Adlib.Connectors.Console.exe**. Click the **Register** button in the Console window.
5. At the prompts, enter the **Username** and **Password** used to login to the Adlib PDF Management Console.

Figure 1 - Console Window



6. The message "Successfully Registered" will appear upon completion.

Uninstallation and Modification

If there is a need to modify the location of the FileNet Connector after it has been registered, the component must first be unregistered and removed the Environment. These steps must also be performed before uninstalling the Connector.

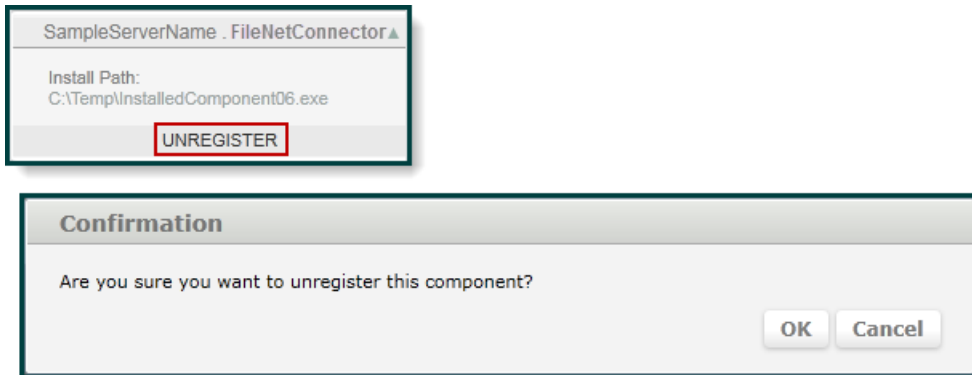
↓ To Unregister the FileNet Connector

If the FileNet Connector has been assigned to any Sources, it must first be removed before it can be unregistered from the Environment.

1. Stop the Process Manager if it is running.
2. To unassign the Connector from a Source:

- Click the pencil icon in the Source to open it for editing. Click the **X** beside the Connector name and click **Save**. If desired, select **Delete** from the edit menu to delete the Source.
3. To unassign the Component from the Environment.
 - Drag the Component from the Environment's *work area* to the Unassigned Components *toolbox*.
 4. In the Unassigned Components *toolbox*, click the arrow beside the Component name.
 5. Click **Unregister**. When prompted for confirmation, click **OK**.

Figure 2 - Unregister Component



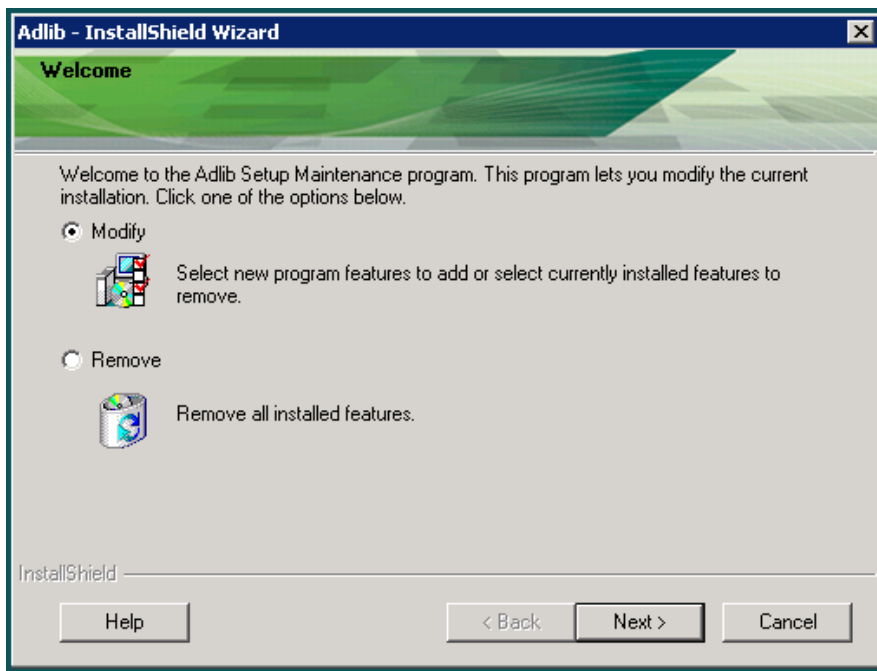
Uninstallation

Before uninstalling a Component, ensure that Process Manager Services have been stopped, and that the Component is no longer assigned to an Environment in the Adlib Management Console.

↓ To Uninstall one or more Components:

1. On the Windows Start menu, select **Control Panel**, then **Programs and Features**. Select **Adlib** and click **Change**.
2. In the *Adlib Setup Maintenance* window, click **Modify**.

Figure 3 - Adlib Setup Maintenance Window

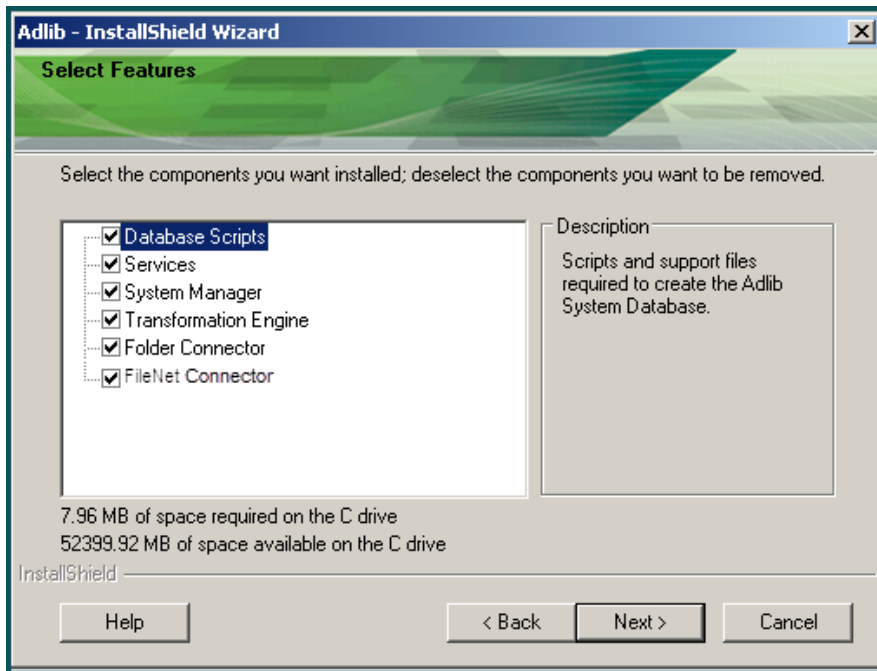


3. In the *Select Features* window, deselect the features to be removed from the system and click **Next**.



The checkboxes for the features that are currently installed will show as selected.

Figure 4 - Select Features Window



4. The Components selected to be removed will be listed in the *Start Copying Files* window. Click **Next** to proceed with the removal. The selected Components will be removed from Adlib PDF.

Manual System Configuration

After the installation of the **FileNet Connector** manual system configuration must be performed in order to prepare Adlib PDF to accept content from FileNet.

For a detailed list of these procedures, please see [Manual System Configuration](#).

Manual System Configuration

After the installation of the **FileNet Connector** manual system configuration must be performed in order to prepare Adlib PDF to accept content from an IBM FileNet Server.

Manual configurations include:

- [Assigning the Connector to the Environment](#)
- [Configuring the Source\(s\)](#)
- [Assigning the FileNet Source to an Instruction Set](#)
- [Configuring the FileNet Connector System Settings](#)
- [Starting the FileNet Connector](#)

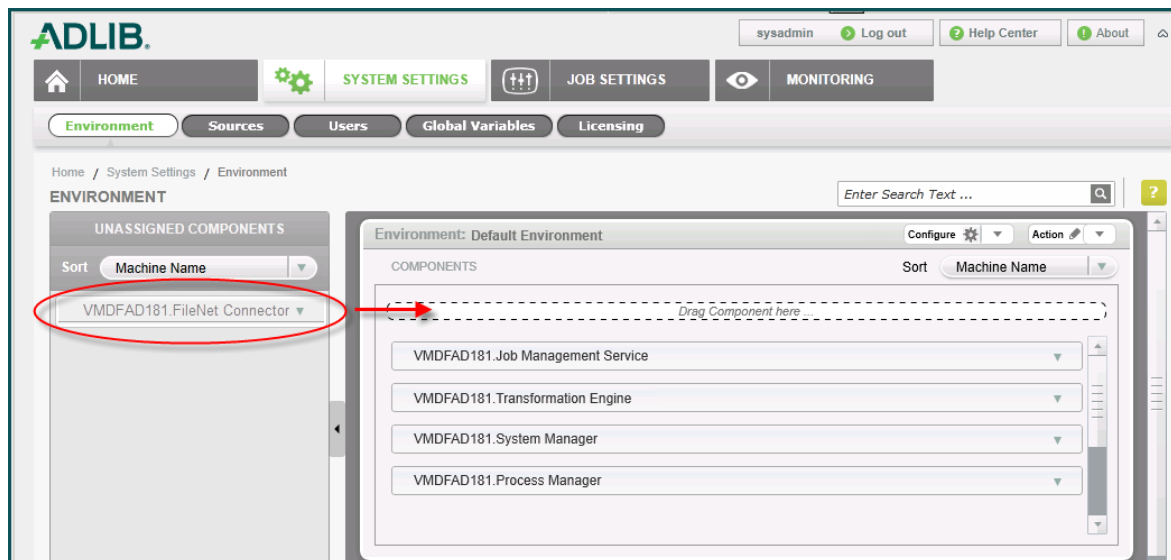
For more information on Adlib Components and System Settings, please refer to the Adlib PDF User Guide.

Assigning the Connector to the Environment

↓ To Assign the FileNet Connector to the Environment:

1. Login to the Adlib Management Console using the credentials entered in the *Management Console Login* Window during installation.
2. Click the *System Settings* tab.
3. On the *Environment* page, drag the **FileNet Connector** into the Environment.

Figure 5 - Drag Connector into Environment



Configuring the Source(s)

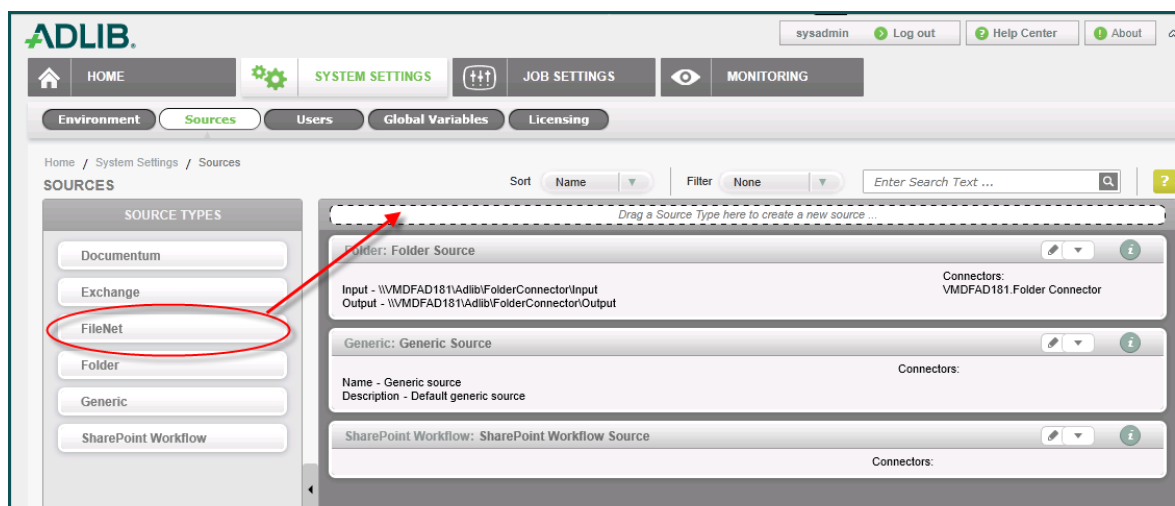
In order for content to be sent to Adlib PDF from a FileNet server, at least one **FileNet Connector** Source must be configured and associated with a Connector. Each Source can be associated with only one FileNet Object Store. If documents will be submitted from multiple Object Stores, additional FileNet Sources must be created.

A Source must be assigned to an Instruction Set before documents can be rendered.

↓ To Configure a FileNet Source:

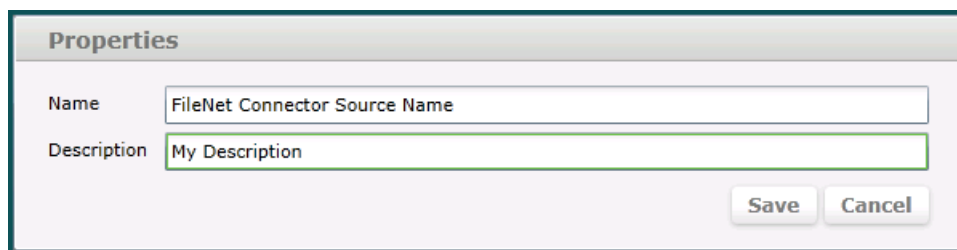
1. Click the *Sources* button on the *System Settings* Page.
2. Drag a FileNet Source Type from the left pane to the area surrounded by a dotted line labelled "Drag a Source Type here..."

Figure 6 - Drag FileNetFile Source Type



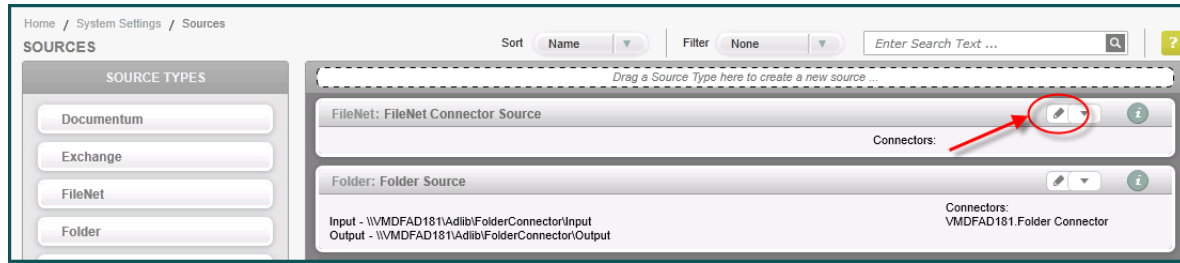
3. In the *Properties* window, enter the FileNet Source **Name** and optional **Description**. Click **Save**.

Figure 7 - FileNet Source Properties Window



- Click the pencil icon to open the FileNet Source for editing.

Figure 8 - FileNet Source Pencil Icon



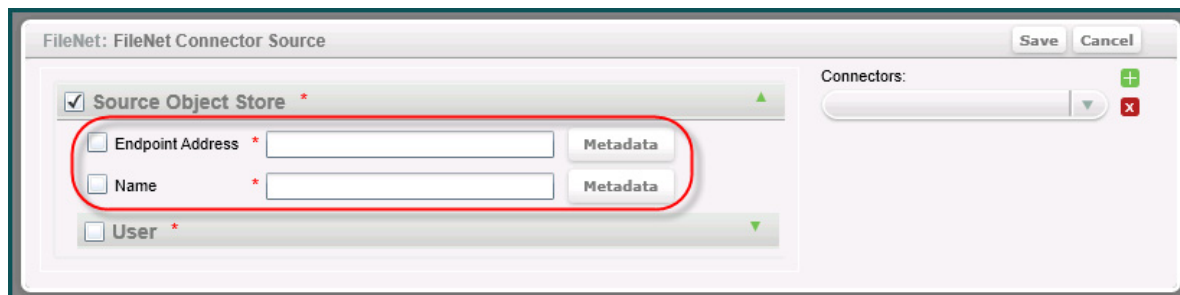
- To assign a Connector to monitor the new Source, click the plus sign adjacent to **Connectors:** and select **<FileNetConnectorServer>.FileNet Connector** from the drop-down list.

Figure 9 - Assign an FileNet Connector to a FileNet Source



- Select the **Source Object Store** checkbox, then click the **Endpoint Address** checkbox. Enter the **URL** of the IBM FileNet server where the Object Store is located.
- Enter the **Name** of the object store from which documents will be submitted to Adlib PDF. If multiple object stores will be utilized, additional FileNet Sources must be created.

Figure 10 - Specify Object Store Information



- Click the **User** checkbox. and enter the **Username** and **Password** defined in FileNet for this Object Store.

Figure 11 - FileNet Source Information

FileNet: FileNet Connector Source

☐ Name * Metadata

☒ User * Metadata

☐ Username * Metadata

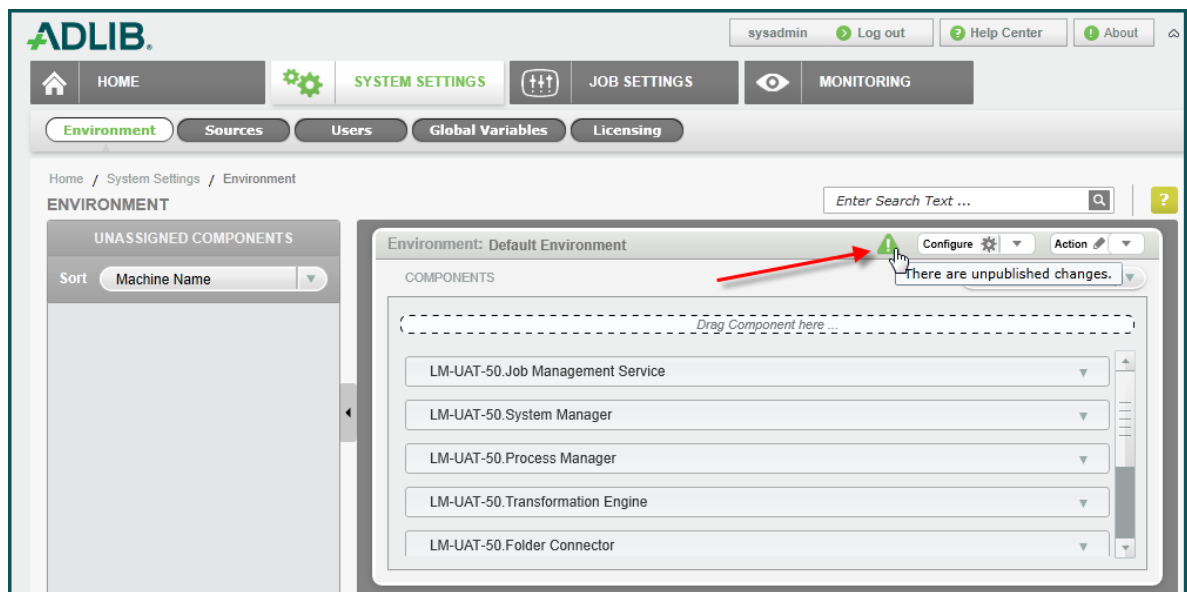
☐ Password * Metadata

Connectors: + -

Save Cancel

9. Click **Save**.
10. Navigate back to the *Environment* page and click the green caution icon or select **Publish** from the Environment **Action** menu to activate the configuration changes.

Figure 12 - Publish Changes to Environment



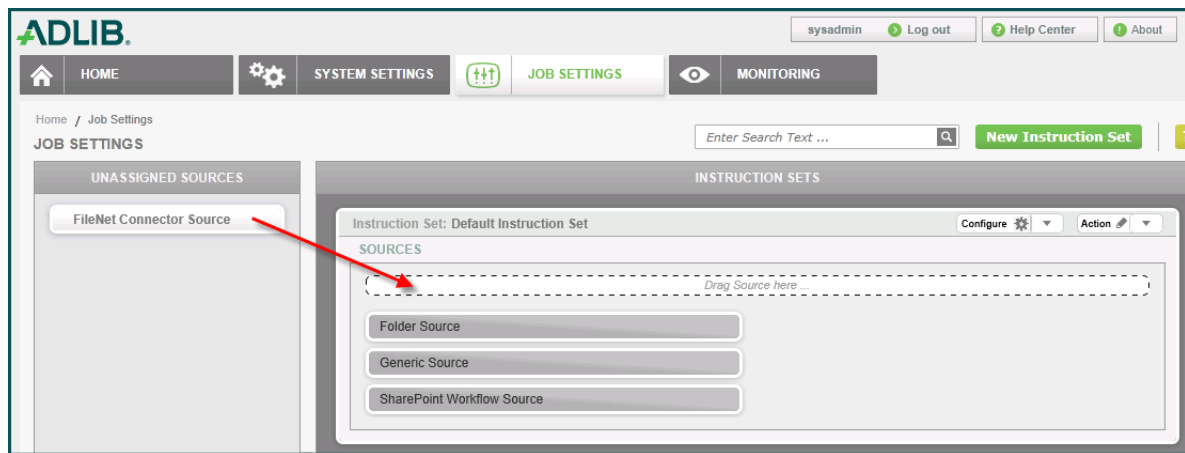
Assigning the FileNet Source to an Instruction Set

At least one FileNet Source must be assigned to an Instruction Set of rules before the Source can be used for content transformation.

↓ To Assign an FileNet Source to an Instruction Set:

1. Navigate to the *Job Settings* tab. The unassigned Sources are listed in the left pane.
2. Drag one or more FileNet Sources into an Instruction Set.

Figure 13 - Assign FileNet Source to an Instruction Set



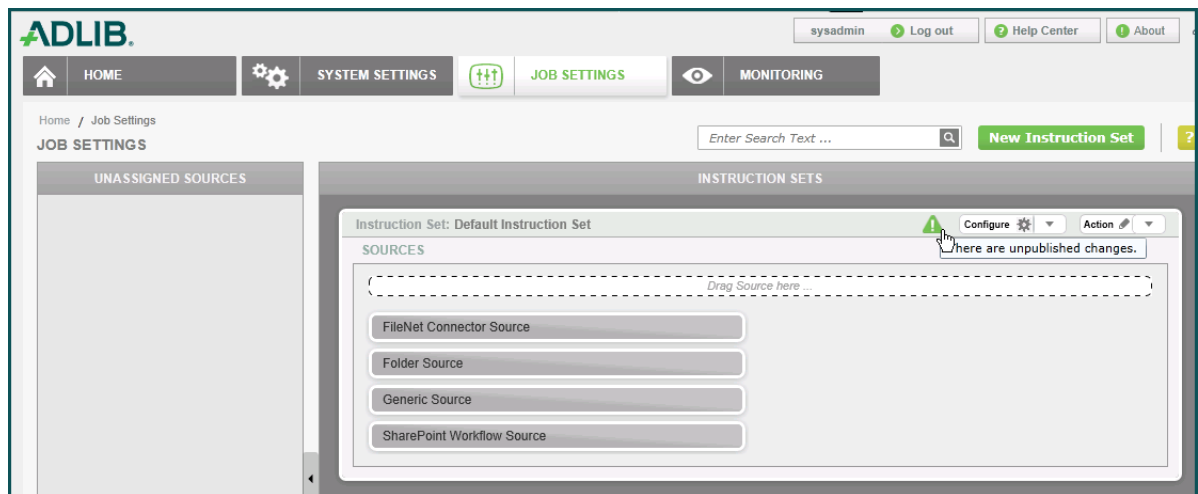
3. If desired, create Job Acceptance and/or Transformation Rules within this Instruction Set.



For more information on creating Job Acceptance and Transformation Rules see the Adlib PDF User Guide.

4. Select **Publish** from the Instruction Set **Action** menu to activate the changes to the Instruction Set.

Figure 14 - Publish Instruction Set



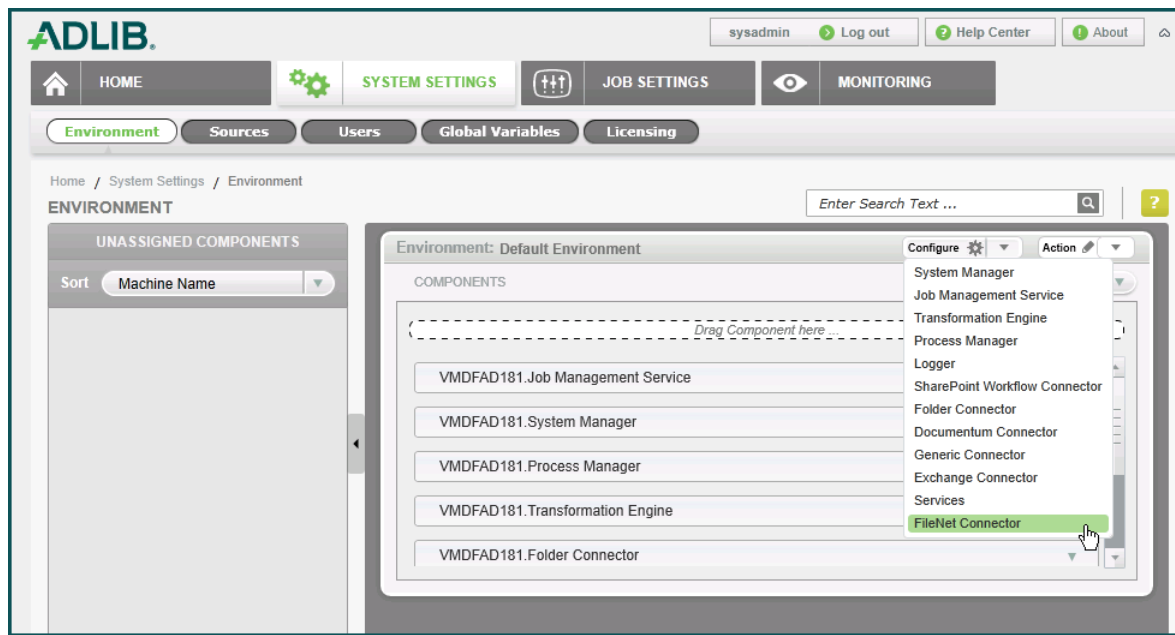
Configuring the FileNet Connector System Settings

The following information must be configured in the FileNet Connector System Settings before content can be submitted to Adlib PDF for rendering.

↓ To Configure the FileNet Connector Behavior Settings:

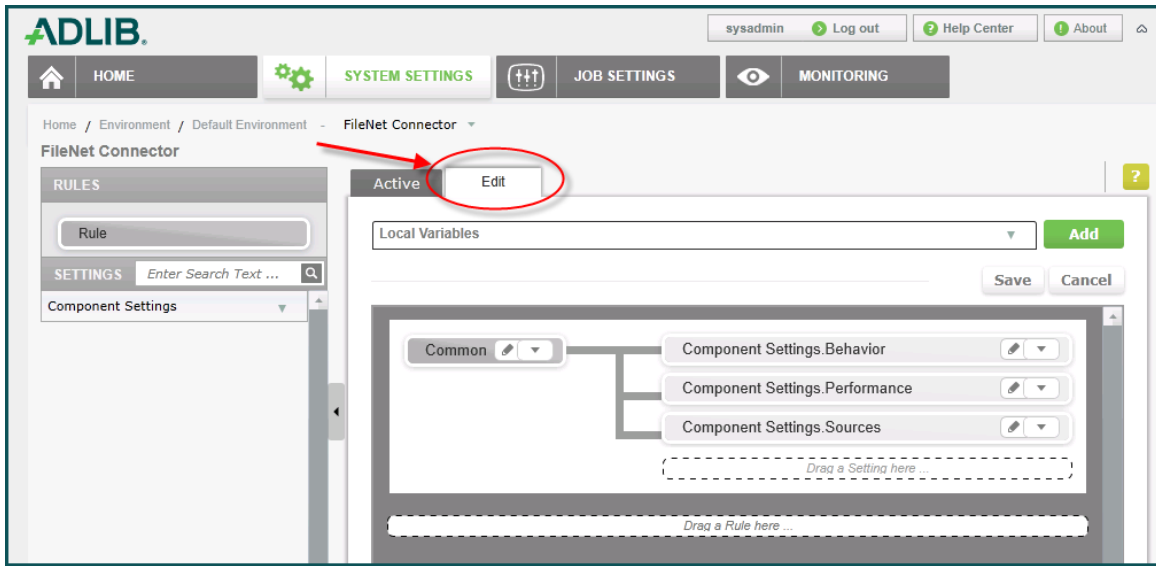
1. Click the *System Settings* tab and select FileNet Connector from the **Configure** menu.

Figure 15 - System Settings Configure Menu



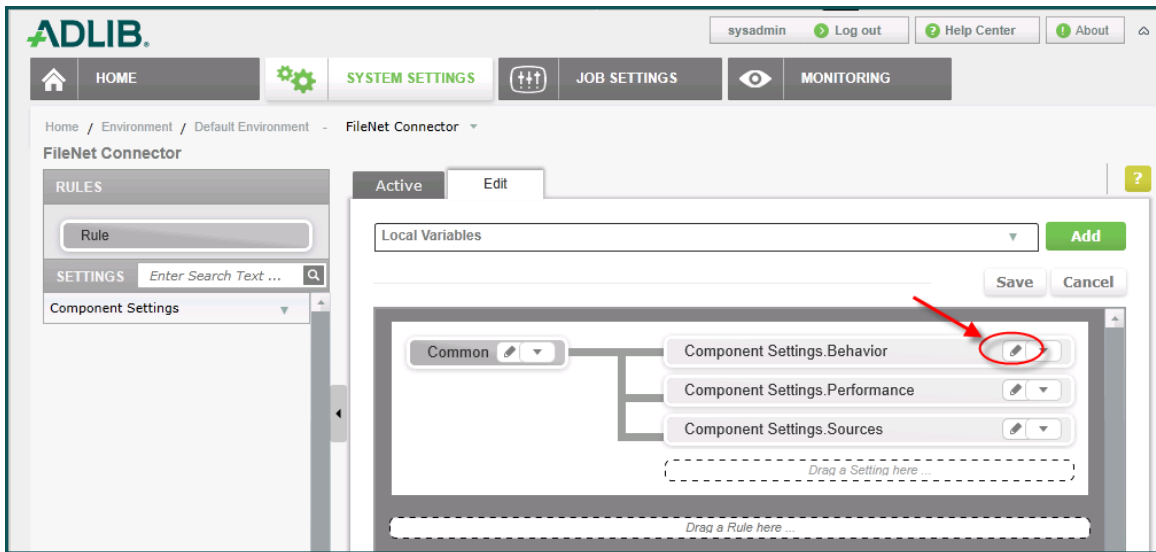
2. Click the Edit tab in the *Rule Set Editor* to enable rule editing.

Figure 16 - Edit Tab



3. Click the pencil icon to open the Behavior setting for editing.

Figure 17 - Click Pencil Icon



4. Click the pencil icon to open the Behavior rule setting for editing.
5. Select the **Job Files** checkbox and modify the default **Processing Location** if desired.
6. Expand the **Source** category and modify the default parameters if desired. This information determines which class the input documents are sourced from. The default top level class is **Document**, including all subclasses, but a custom class can be named instead.

Figure 18 - Behavior Rule Setting

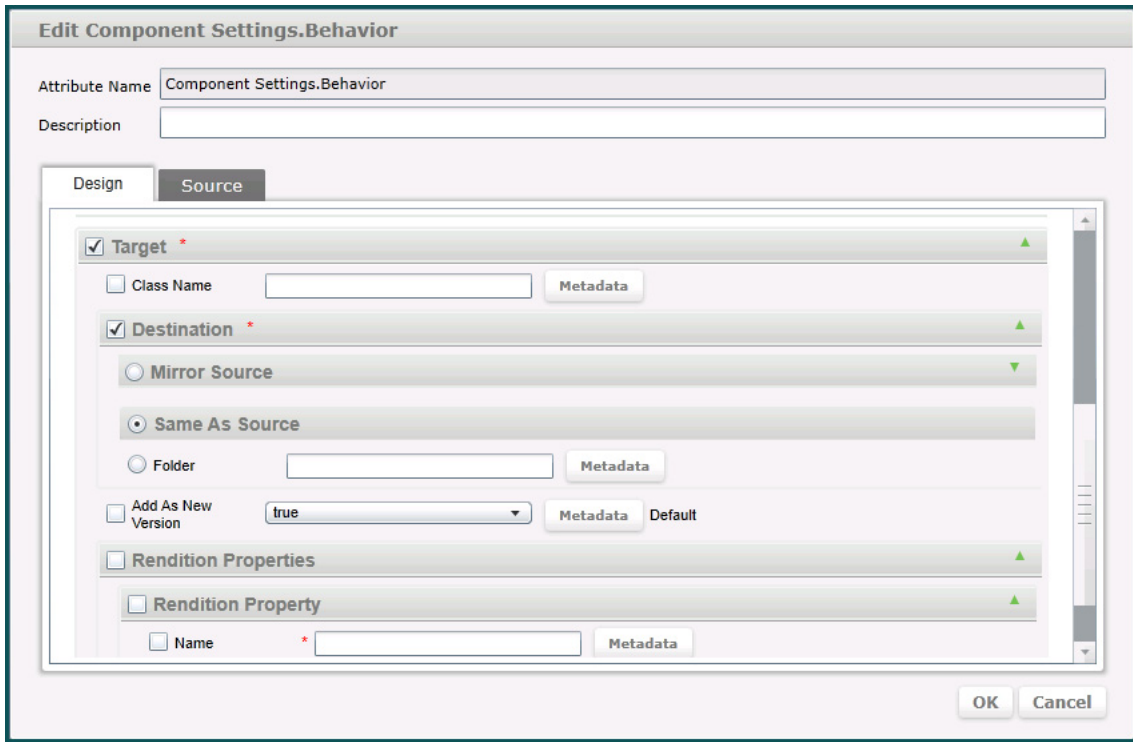
The screenshot shows the 'Edit Component Settings.Behavior' dialog box. The 'Attribute Name' is 'Component Settings.Behavior'. The 'Description' field is empty. The 'Design' tab is selected, and the 'Source' section is expanded. The 'Source' section contains the following options:

- ☐ Transfer Segment Size: [] Kilobytes Metadata
- ☐ Output: []
- ☒ Source: []
 - ☐ Request Where Clause: [] Metadata
 - ☒ Class Name: * Document Metadata
 - ☐ Include Subclasses: true Metadata Default
 - ☐ Include Completion Description: [] Metadata
- ☐ Properties: []
- ☒ Target: * []

The 'OK' and 'Cancel' buttons are at the bottom right.

7. Click the **Target** checkbox and specify the **Class Name** specified in FileNet for the rendered documents (e.g. Document class or a custom-named Class). Note: All subclasses will be automatically included.
8. Click the **Destination** checkbox and specify where the rendered documents will be returned in FileNet. If **Mirror Source** is selected, a duplicate of the source Object Store will be created for the rendition output. To return the output to the same Object Store and folder as the input document, select **Same as Source**. If desired, click **Folder** and specify the name of a subfolder where the output will be deposited after rendering.
9. If desired, specify one or more **Rendition Properties** to copy from the input document to the output document. If no properties are specified, all writeable, non-system properties that exist in both the source and target document class will be copied.

Figure 19 - Behavior Rule Setting



The dialog box is titled "Edit Component Settings.Behavior". It has two tabs: "Design" and "Source". The "Source" tab is selected. The "Target" section is checked and contains a "Class Name" field and a "Metadata" button. The "Destination" section is checked and contains three radio buttons: "Mirror Source", "Same As Source" (selected), and "Folder". Below these are an "Add As New Version" checkbox (checked) with a "true" dropdown, and a "Metadata" button. The "Rendition Properties" section is unchecked and contains a "Rendition Property" section with a "Name" field and a "Metadata" button. "OK" and "Cancel" buttons are at the bottom right.

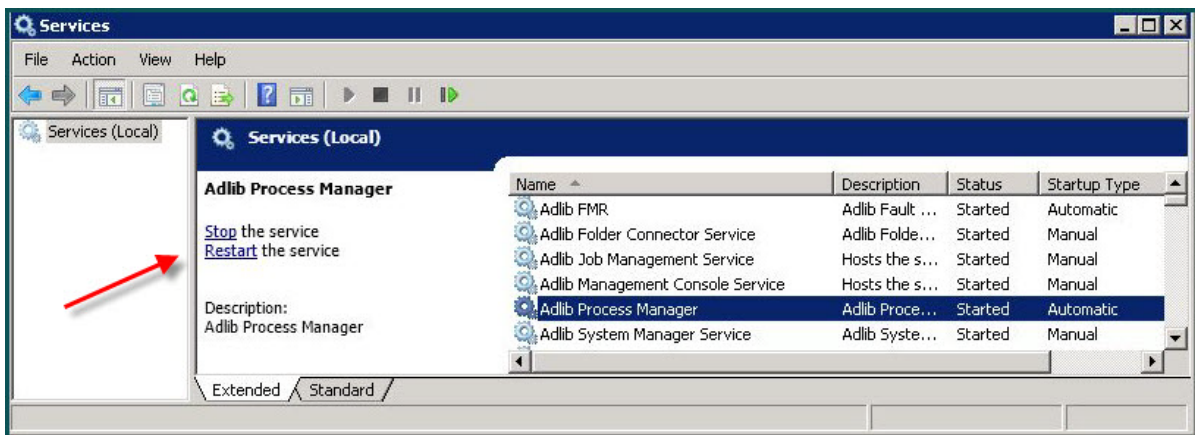
Starting the FileNet Connector

Before using Adlib PDF the **FileNet Connector** for the first time, the **Process Manager** must be restarted order to initialize the component.

↓ To Start the FileNet Connector:

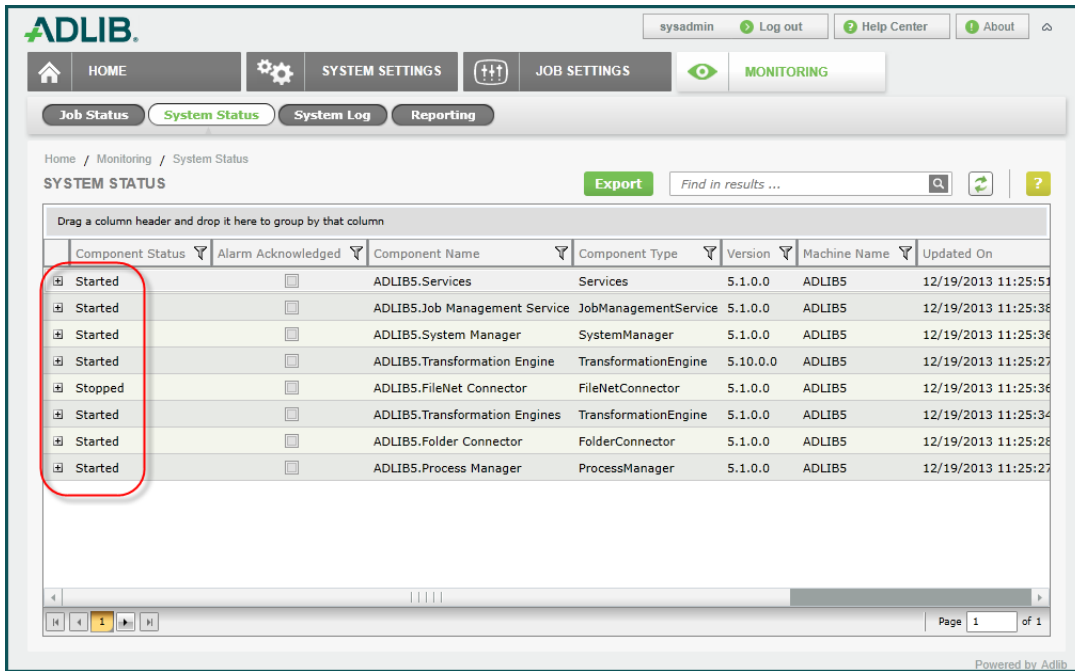
1. Select **Administrative Tools/Services** from the Windows Start menu. Select the **Adlib Process Manager Service**, and click **Restart** the Service.

Figure 20 - Restart Process Manager



2. To view the status of any Adlib system Components, navigate to the *Monitoring* tab in the Management Console and click the **System Status** button. The status of each Component is displayed in the report. Ensure that all Components show a status of “Started” before submitting content for transformation.

Figure 21 - System Status Page



ADLIB

sysadmin Log out Help Center About

HOME SYSTEM SETTINGS JOB SETTINGS MONITORING

Job Status System Status System Log Reporting

Home / Monitoring / System Status

SYSTEM STATUS Export Find in results ...

Drag a column header and drop it here to group by that column

Component Status	Alarm Acknowledged	Component Name	Component Type	Version	Machine Name	Updated On
Started	<input type="checkbox"/>	ADLIB5.Services	Services	5.1.0.0	ADLIB5	12/19/2013 11:25:51
Started	<input type="checkbox"/>	ADLIB5.Job Management Service	JobManagementService	5.1.0.0	ADLIB5	12/19/2013 11:25:36
Started	<input type="checkbox"/>	ADLIB5.System Manager	SystemManager	5.1.0.0	ADLIB5	12/19/2013 11:25:36
Started	<input type="checkbox"/>	ADLIB5.Transformation Engine	TransformationEngine	5.10.0.0	ADLIB5	12/19/2013 11:25:27
Stopped	<input type="checkbox"/>	ADLIB5.FileNet Connector	FileNetConnector	5.1.0.0	ADLIB5	12/19/2013 11:25:36
Started	<input type="checkbox"/>	ADLIB5.Transformation Engines	TransformationEngine	5.1.0.0	ADLIB5	12/19/2013 11:25:34
Started	<input type="checkbox"/>	ADLIB5.Folder Connector	FolderConnector	5.1.0.0	ADLIB5	12/19/2013 11:25:26
Started	<input type="checkbox"/>	ADLIB5.Process Manager	ProcessManager	5.1.0.0	ADLIB5	12/19/2013 11:25:27

Page 1 of 1

Powered by Adlib

For more information on using the Adlib Management Console see the Adlib PDF User Guide.

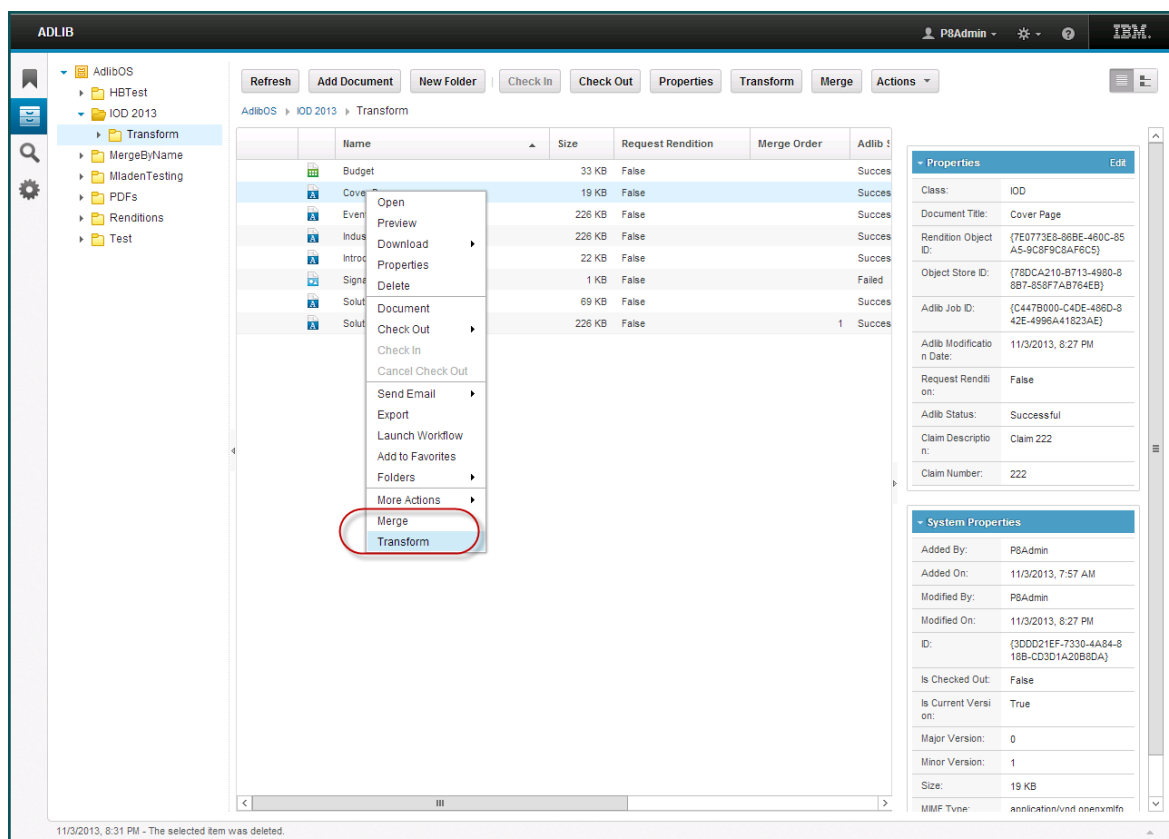
Using the FileNet Connector

Submitting Content from FileNet to Adlib PDF

Content Navigator

To submit content to Adlib PDF, navigate to the file(s) to be rendered and either click the **Transform** or **Merge** buttons in the user interface or select **Transform** or **Merge** from the right-click menu. Content can also be selected from within search results.

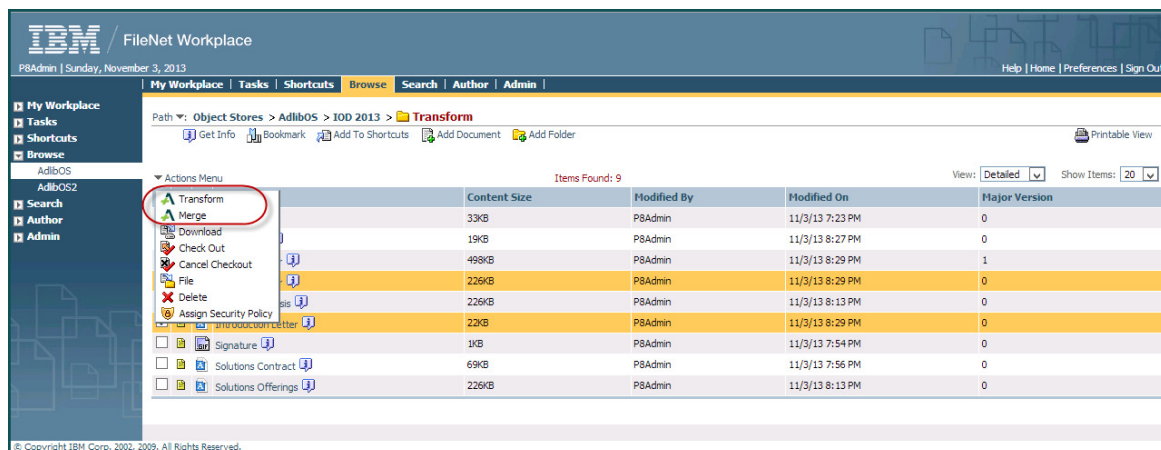
Figure 22 - Submit Content from Content Navigator



Workplace

Content can be submitted through Workplace by selecting either **Transform** or **Merge** from the Actions menu or from the right-click menu.

Figure 23 - Submit Content from Workplace



Merge

Both the Content Navigator and Workplace applications support the **Merge** functionality. When merging files, the merge order is specified in the file properties. If no order is specified, files will be merged in alphabetical order and the output file name will be the first file name in the merge order. A merge can also be requested from a folder, in which case all files within that folder (but not in nested folders) will be merged in the output document. Compound documents, which contain virtual references to other documents, can be rendered using the **Merge** function exclusively through the Workplace application.

When merging files, the user must also ensure that the number of files to be merged in any one job does not exceed the **Job Throughput Maximum Items per Interval** set in the Performance System Setting. Please see [Performance Rule Setting Procedures](#) for more information on this setting.



A Table of Contents for merged documents can be configured in Adlib PDF using the legacy Table of Contents Transformation Rule, however this rule will need to be enabled and disabled for merged content only as there is currently no way to differentiate between the type of content (single vs. multiple documents) being submitted by the FileNet Connector. Please contact Customer Support at Adlib for more information on how to enable this rule setting.

Workplace XT

To submit a file from Workplace XT the user must set the **Request Rendition** property to True. File properties can be accessed from the right-click menu or modified when the document is imported to Workplace XT. The **Merge** function is not available in Workplace XT.

Output

Multiple output file types can be created from a single input file type by including multiple Rule Settings in an Instruction Set. PDF output files are generated for each input file by default.

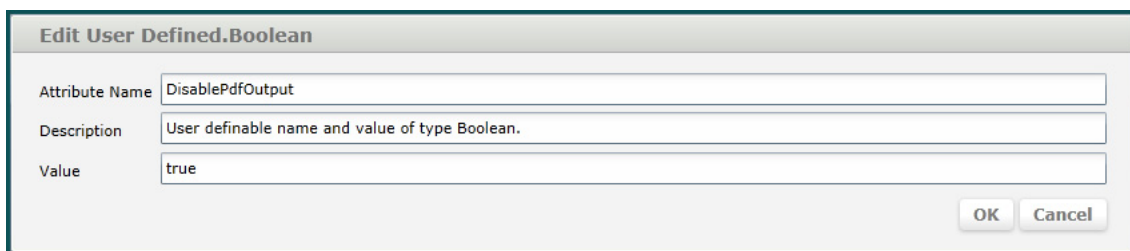
The Job Status screen now displays enhanced information on the Job Documents tab, including the input/output file type, size, hash type and file hash.



Only one image file type can be rendered for each job.

To disable the creation of PDF output, a User-Defined/Boolean Transformation Rule must be created with the name “DisablePdfOutput” and the value ‘True’.

Figure 24 - User Defined Rule

A screenshot of a dialog box titled "Edit User Defined.Boolean". It contains three input fields: "Attribute Name" with the value "DisablePdfOutput", "Description" with the value "User definable name and value of type Boolean.", and "Value" with the value "true". At the bottom right, there are "OK" and "Cancel" buttons.

Edit User Defined.Boolean	
Attribute Name	DisablePdfOutput
Description	User definable name and value of type Boolean.
Value	true
<div>OK Cancel</div>	

Common Scenarios

The following section details various configuration changes that can be made to **FileNet Connector** System Settings in order to customize the performance of Adlib PDF to suit the individual needs of the user:

Environment System Settings

Behavior Setting

- [Custom File Names for Renditions](#)
- [Rendering Files with Unknown Formats or Blank Extensions](#)
- [File Transfer of Source Documents and Output using MTOM](#)

Performance Setting

- [Health and Maximum Performance of System](#)

General

- [Component Friendly Names](#)

Behavior Rule Setting Procedures

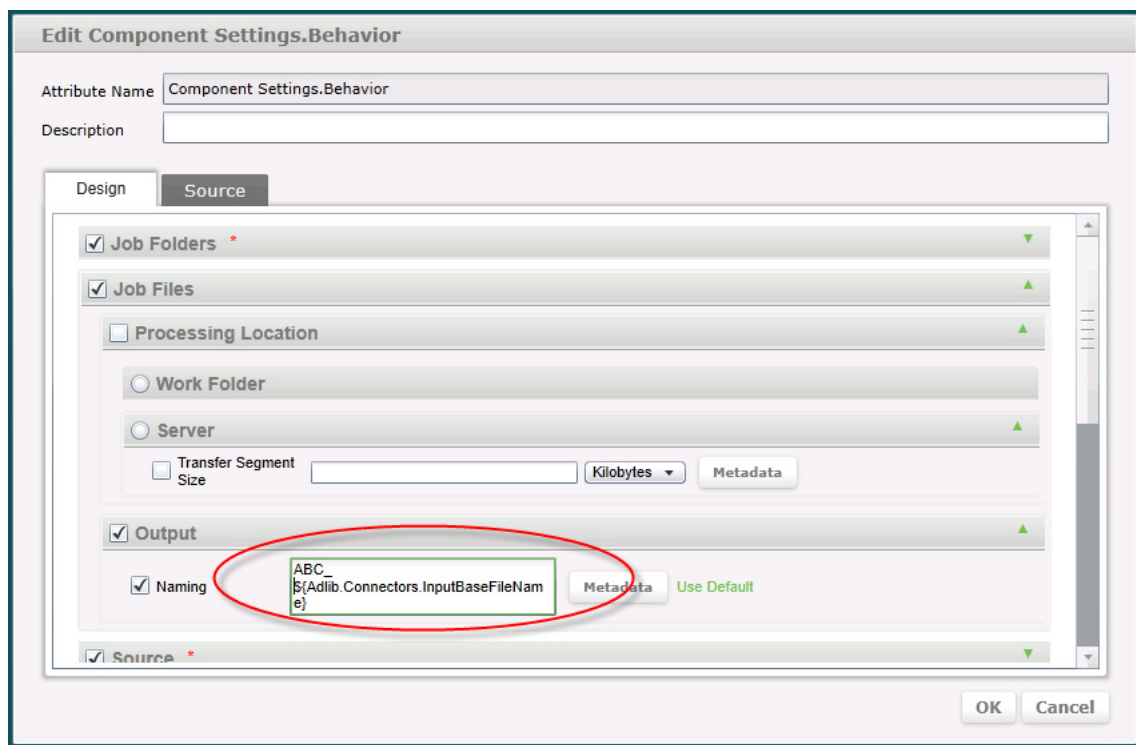
Custom File Names for Renditions

The names of output files can be modified as required.

↓ To Modify an Output File Name:

1. Navigate to the *Environment* page and select **FileNet Connector** from the **Configure** menu.
2. Click the *Edit* tab in the *Rule Set Editor*.
3. Click the pencil icon to open the **Behavior** rule setting for editing.
4. Expand the **Job Files** section and then expand **Output**.
5. Modify the syntax in the **Naming** field as required. For example, to add the label “ABC” to the output base file names for all output from this Connector, use the following syntax:
ABC_\${Adlib.Connectors.InputBaseFileName}

Figure 25 - Custom Output File Name



6. Click **OK** and **Save** the changes to the rule setting.
7. Navigate back to the *Environment* page and select **Publish** from the **Edit** menu.

Rendering Files with Unknown Formats or Blank Extensions

As long as the user running the **System Manager** and **Transformation Engine** has access to the File Repository, files with unknown formats or blank extensions will be rendered by default. However when using HTTP to retrieve files for **System Manager** and the **Transformation Engine**, IIS (Internet Information Services) must be configured to support all MIME types (for example,.msg files) that will be rendered with Adlib PDF.

File Transfer of Source Documents and Output using MTOM

Upon installation of the **FileNet Connector** the File Repository Process is set to UNC by default, but the direct transfer of files using MTOM (Message Transmission Optimization Mechanism) can be configured by setting a local path for the work folder and changing the default Processing Location.

↓ To Set up File Transfer Using MTOM:

1. Navigate to the *Environment* page and select **FileNet Connector** from the **Configure** menu.
2. Click the *Edit* tab in the *Rule Set Editor*.
3. Click the pencil icon to open the **Behavior** setting for editing.
4. Modify the path in the Job Folders/Work field to point to a local folder on the **FileNet Connector** server(s) where files will be temporarily stored before being transferred using MTOM. For example, specify “\\work” to create a work folder named “work” on each server in the runtime directory.
5. Expand the **Job Files** section and then expand the **Processing Location**.
6. Select **Server** and enter the desired **Transfer Segment Size**.

Figure 26 - FileNet Settings for MTOM File Transfer

The screenshot shows the 'Edit Component Settings.Behavior' dialog box. At the top, there are fields for 'Attribute Name' (set to 'Component Settings.Behavior') and 'Description'. Below these are two tabs: 'Design' and 'Source', with 'Source' being the active tab. The main content area is a tree view with the following structure:

- ☒ Job Folders *
 - ☒ Job Files
 - ☒ Processing Location
 - ☐ Work Folder
 - ☒ Server
 - ☒ Transfer Segment Size: 1000 (Kilobytes) [Metadata]
- ☒ Output
 - ☒ Naming: \${Adlib.Connectors.InputBaseFileName} [Metadata] [Default]
- ☒ Source *

At the bottom right of the dialog are 'OK' and 'Cancel' buttons.

7. Click **OK** and **Save** the changes to the rule setting.
8. Navigate back to the *Environment* page and select **Publish** from the **Edit** menu.

Performance Rule Setting Procedures

Health and Maximum Performance of System

Both the number of **FileNet Connector** threads and the amount of time between job requests can be configured in order to control throttle job submission and completion in the **FileNet Connector** and optimize the performance of Adlib PDF. The optimal settings for each user will depend on a number of factors, including the capacity of the hardware and the number, size and frequency of jobs being processed.

If the Merge function will be used, the Job Throughput Maximum Items per Interval must exceed the number of files to be merged in any one job.

↓ To Configure the FileNet Connector Performance Settings:

1. Navigate to the *Environment* page.
2. Select **FileNet Connector** from the **Configure** Menu.
3. Click the *Edit* tab in the *Rule Set Editor*.
4. Click the pencil icon to open the **Performance** rule setting for editing.

Figure 27 - Performance System Settings

The screenshot shows the 'Edit Component Settings.Performance' dialog box. At the top, there are fields for 'Attribute Name' (set to 'Component Settings.Performance') and 'Description'. Below these are tabs for 'Design' and 'Source'. The 'Design' tab is active, showing a list of settings. The 'Thread Pool' section is collapsed (indicated by a minus sign). The 'Job Throughput' section is expanded (indicated by a plus sign). Inside 'Job Throughput', there are two checked items: 'Max Items Per Interval' with a value of 10, and 'Interval' with a value of 20. Both items have 'Metadata' and 'Use Default' buttons. The 'Interval' item also has a unit dropdown set to 'Seconds'. At the bottom right of the dialog are 'OK' and 'Cancel' buttons.

5. Expand the **Thread Pool** and/or **Job Throughput** sections and adjust the defaults as required. For more information on each field, see [Performance](#).
6. Click **OK** and **Save** the changes to the rule setting.
7. Navigate back to the *Environment* page and select **Publish** from the **Edit** menu.

General Procedures

Component Friendly Names

Components can be assigned “friendly names” to assist the user in differentiating among multiple components installed on the same machine.

↓ To Assign a Friendly Name to a Component:

1. Navigate to the *Monitoring* page and select the *System Status* tab.
2. Within the **Component Name** column, click twice on the name of the Component to be changed to enable it for editing.
3. Type the **Friendly Name**. Repeat as necessary to rename additional Components.
4. Click the **Component Name** column header to sort by the Component list by name.

Figure 28 - Assign Component Friendly Name

The screenshot shows the ADLIB Monitoring interface. The top navigation bar includes 'HOME', 'SYSTEM SETTINGS', 'JOB SETTINGS', and 'MONITORING'. The 'MONITORING' tab is active, and the 'System Status' sub-tab is selected. Below the navigation bar, there are tabs for 'Job Status', 'System Status', 'System Log', and 'Reporting'. The 'System Status' tab is active, displaying a table of system components. The table has columns for 'Component Status', 'Alarm Acknowledged', 'Component Name', 'Component Type', 'Version', 'Machine Name', and 'Updated On'. The 'ADLIB5.FileNet Connector' component is highlighted in orange, and its name is being edited to 'FileNetConnector'. The table also shows other components like 'ADLIB5.Services', 'ADLIB5.Job Management Service', 'ADLIB5.System Manager', 'ADLIB5.Transformation Engine', 'ADLIB5.Transformation Engines', 'ADLIB5.Folder Connector', and 'ADLIB5.Process Manager'. The bottom of the page shows a pagination bar with 'Page 1 of 1' and a footer that says 'Powered by Adlib'.

Component Status	Alarm Acknowledged	Component Name	Component Type	Version	Machine Name	Updated On
Started	<input type="checkbox"/>	ADLIB5.Services	Services	5.1.0.0	ADLIB5	12/19/2013 11:28:23
Started	<input type="checkbox"/>	ADLIB5.Job Management Service	JobManagementService	5.1.0.0	ADLIB5	12/19/2013 11:28:09
Started	<input type="checkbox"/>	ADLIB5.System Manager	SystemManager	5.1.0.0	ADLIB5	12/19/2013 11:28:07
Started	<input type="checkbox"/>	ADLIB5.Transformation Engine	TransformationEngine	5.10.0.0	ADLIB5	12/19/2013 11:28:26
Stopped	<input type="checkbox"/>	ADLIB5.FileNet Connector	FileNetConnector	5.1.0.0	ADLIB5	12/19/2013 11:28:17
Started	<input type="checkbox"/>	ADLIB5.Transformation Engines	TransformationEngine	5.1.0.0	ADLIB5	12/19/2013 11:28:05
Started	<input type="checkbox"/>	ADLIB5.Folder Connector	FolderConnector	5.1.0.0	ADLIB5	12/19/2013 11:28:26
Started	<input type="checkbox"/>	ADLIB5.Process Manager	ProcessManager	5.1.0.0	ADLIB5	12/19/2013 11:28:26

FileNet Connector System Settings

This chapter lists the fields and values of each of the **FileNet Connector** System Settings rules.



Field and Rule Setting descriptions can be viewed within the Management Console by clicking the right mouse button and selecting “What’s this?” when hovering over a field or Rule Setting name.

Behavior

FileNet Connector behavior settings.

Name	Description
Job Folders	Settings controlling the behavior of folders used during the processing of a job.
Work	Once a job begins processing, it will be moved to the Work JobFolder. If ProcessingLocation is set to WorkFolder, Transformation Engines must have access to this folder. Values User-defined Default = \\<machinename>\Adlib\ FileNetConnector\Work
Job Files	Settings that control the behavior of the files used and created throughout the processing of a job.
Processing Location	Use this setting to control where job files are processed.
Work Folder	Provides the Transformation Engine a reference to the Work Job Folder to process jobs. A UNC location is required if the Transformation Engine is installed on a different server.
Server	The job files are sent and received via the Job Management Service using MTOM.
Transfer Segment Size	A job file will be sent in chunks to the server for optimization. This allows you to set the size of those file segments. Values Numeric value in Bytes, Kilobytes, Megabytes or Gigabytes Default = 4096 Kilobytes
Output	Settings to control how the output file is managed.

Name		Description
Naming		<p>Sets the name of the output file when it gets sent to the repository after job completion.</p> <p>Values</p> <p>User-defined</p> <p>Default = \${Adlib.Connectors.InputBaseFileName}</p>
Source		
Request Where Clause		<p>Additional SQL where clause parameters for extracting specific documents from FileNet.</p> <p>Values</p> <p>User-defined</p>
Class Name		<p>Specifies the source top level class name to retrieve documents from. Set to "Document" to search for all documents.</p> <p>Values</p> <p>User-defined</p> <p>Default = Document</p>
Include Subclasses		<p>Whether or not to include subclasses of this document class when searching.</p> <p>Values</p> <p>Default = True</p> <p>False</p>
Include Completion Description		<p>Whether or not to include a description in the FileNet property AdlibCompletionDescription. For performance reasons, this is set to false by default.</p>
Property		
Name		FileNet Property name.
Target		
Class Name		<p>The name of the document class to associate with the output document.</p> <p>Values</p> <p>User-defined</p>
Destination		Where to put the output document.
Mirror Source		Create an exact folder structure in the Target object store as the Source object store and place the output document there.
Object Store Name		<p>The name of the Target object store.</p> <p>Values</p> <p>User-defined</p>

Name	Description
Same as Source	Place the output document in the same object store and folder as the source document.
Folder	Specifies the target folder in the Target object store to place the output document. Values User-defined
Add as New Version	Specifies whether the file will be added as a new version, or if the previous version of the output document will be removed before adding the new output document. Values Default = True False
Rendition Properties	Used to provide a list of properties to copy from the source document to the output document. If this list is empty, all writeable, non-system properties that exist in both the source and target document class will be copied.
Rendition Property	The Rendition Property
Name	Symbolic name of the property. Values User-defined

Performance

Performance settings control how quickly jobs flow through the system.

Name	Description
Thread Pool	Thread pool settings control the number of threads and their timeouts for job submission and retrieval.
Max Threads	Controls the number of threads assigned to job submission and reception. Values User-defined numeric value. Default = 1
Idle Thread Timeout	How long a thread will sit idle before disposing of itself. Values User-defined numeric value in Seconds, Minutes, Hours or Days. Default = 5 Seconds

Name	Description
Job Throughput	Job throughput settings dictate the number of jobs to grab, as well as how often.
Max Items Per Interval	<p>The max number of jobs to acquire each interval. This value must be greater than the number of files to be merged in any one job.</p> <p>Values</p> <p>User-defined numeric value.</p> <p>Default = 1</p>
Interval	<p>How often to check for jobs.</p> <p>Values</p> <p>User-defined numeric value in Seconds, Minutes, Hours or Days.</p> <p>Default = 5 Seconds</p>

Source Configuration

List of source configurations for sources to which this connector is assigned.



This system setting is for information only and should not be modified.

Name	Description
Value	<p>Source configuration</p> <p>Format = \${sourcesconfiguration}</p>

Appendix A: Contact Adlib

Web Site	www.adlibsoftware.com/
Sales	sales@adlibsoftware.com
Support	support@adlibsoftware.com
Phone	1-905-631-2875 or 1-866-991-1704 (North America)
Fax	1-905-639-3540
Mail	Adlib 215-3228 South Service Road Burlington, Ontario Canada L7N 3H8

Appendix B: Index

B	
Behavior System Setting	30
C	
Component Friendly Names	29
Configure FileNet Source	12
Contact Adlib	34
Content Navigator Plug-in	6
Custom File Names for Renditions	25
F	
FileNet Connector Source	12
FileNet Properties	5
H	
Hardware Requirements	4
How To	
Unregister the FileNet Connector	7
I	
Installation Instructions	4, 6
M	
Manual System Configuration	11
Manual System Configurations	
Assign FileNet Connector to Environment ..	11
Assign Source to Instruction Set	14
Configure a FileNet Source	12
Start FileNet Connector	19
Merging Documents	22
MTOM	26
O	
Object Store	12
P	
Performance System Settings	32
Plug-in	6
Prerequisites	4
S	
Software Requirements	5
Source Configuration Setting	33
Start FileNet Connector	19
Submit Content From FileNet	21
System Performance	28
System Settings	
Behavior	30
Performance	32
Source Configuration	33
T	
Threads	28
Typographical Conventions	2
U	
Unknown Formats or Blank Extensions	26
W	
Workplace Configuration	6