



Ascent® 7.1 Release Script for FileNet Content Manager 4.0

Release Notes

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An attempt has been made to state all allowable values where applicable throughout this document. Any values or parameters used beyond those stated may have unpredictable results.

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Introduction

This document contains the release notes for the Ascent 7.1 Release Script for FileNet Content Manager 4.0, which supports FileNet Content Manager version 4.0. This release script copies document images, OCR full text files, Kofax PDF documents, eDocuments, and writes data from Ascent Capture into FileNet Content Manager 4.0.

Please read these release notes carefully as they contain information not included in the Ascent Capture Help or printed documentation.

Additional Documentation

These release notes are a supplement to the following:

- *Ascent Capture Advanced Features Guide*
- Ascent Capture Release Notes
- *Getting Started with Ascent Capture* guide
- *Installation Guide for Ascent Capture and Ascent Capture Internet Server*
- *Learning Ascent Capture* guide
- Help provided from any of the Ascent Capture modules
- Help provided with the Ascent 7.1 Release Script for FileNet Content Manager 4.0

For more information about FileNet Content Manager or other FileNet products, contact your FileNet Content Manager representative or refer to the documentation that came with your FileNet Content Manager product.

Tip For additional information about Kofax products, visit our Web site at www.kofax.com and go to the Technical Support pages. The Technical Support Web pages provide product-specific information, such as current revision levels, the latest drivers and software patches, technical tips, and a searchable knowledgebase. In addition, updates to product documentation (if any) are available from these pages.

System Requirements

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 requires the following components to be installed prior to installing this release script.

FileNet Content Manager Server Support

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 requires the following network server components:

- FileNet Content Manager Content Engine version 4.0
- FileNet Content Manager supported database

Note This release script was tested using FileNet Content Manager version 4.0 on a Windows 2003 Server (with Service Pack 1), and Microsoft SQL Server 2000 (with Service Pack 4). The clients used were running Windows XP SP2 and Windows 2000 SP4. The DNS Server running the Active Directory server is running on a Windows 2000 Server SP4.

Client Operating System Support

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports the following client operating systems:

- Windows 2000 Professional with Service Pack 4
- Windows 2000 Advanced Server with Service Pack 4
- Windows Server 2003 (Standard or Enterprise Edition)
- Windows XP Professional with Service Pack 2

Note At the time of publishing these release notes, the Ascent 7.1 Release Script for FileNet Content Manager 4.0 was certified with the Service Packs listed above.

Administration and Release Workstations – Additional Requirements

The Ascent Capture Administration and Release workstations must have the following components installed:

- Ascent Capture 7.0
- Web Services Enhancements (WSE) 2.0 SP3 for Microsoft .NET

Source Code

The source code for the Ascent 7.1 Release Script for FileNet Content Manager 4.0 is provided and it is located on the Ascent 7.1 Release Script for FileNet Content Manager 4.0 installation CD. Note that two source code projects are provided on the installation CD. The release script source code project can be opened, edited, and compiled in Microsoft Visual Basic 6.0 with Service Pack 6. The connector, connector interface, and connector interface factory projects can be opened in Microsoft Visual Studio 2003 SP1.

► To modify the release script

- 1 Install the FileNet Content Manager release script. Refer to *Installing the Release Script* on page 19 for the installation instructions. When you install the FileNet Content Manager release script, you will install the required components referenced in the source code.
- 2 Open the FileNet Content Manager release script project. Make sure the project references point to the type library files installed with the release script (Kofax.P8Rel4_v7.ConnectorInterface.tlb and Kofax.P8Rel4_v7.ConnectorInterfaceFactory.tlb). Make any desired modifications, and compile the FileNet Content Manager source code in Visual Basic.

Note If Microsoft Visual Basic displays a “Permission denied” error, you must close the Ascent Capture Administration and Release modules before attempting to compile the release script source code.

- 3 Copy the P8Rel4_v7.dll to the installation directory (for example, C:\Program Files\Ascent\CAP\P8Rel4_v7). When you are prompted to replace the existing file, select “Yes.”
- 4 Register the P8Rel4_v7.dll using the following command line:

```
regsvr32 "C:\Program Files\Ascent\CAP\P8Rel4_v7\P8Rel4_v7.dll"
```

You will need to repeat this procedure on each Administration and Release workstation that will be using the FileNet Content Manager release script.

Note To successfully modify and compile the release script, development must occur on a workstation with the appropriate versions of Ascent Capture and CAPTools.

Refer to the documentation that came with your FileNet Content Manager product and Visual Basic documentation for assistance.

► To modify the connector, connector interface, or connector interface factory

- 1 Install the FileNet Content Manager release script. Refer to *Installing the Release Script* on page 19 for the installation instructions.
- 2 Open the solution Connector.sln, which contains the connector, connector interface, and connector interface factory projects. Make any desired modifications, and rebuild the solution in Microsoft Visual Studio 2003 SP1 under the Release build configuration.
- 3 Copy the following files to the installation directory (for example, C:\Program Files\Ascent\CAP\P8Rel4_v7):

```
Kofax.P8Rel4_v7.Connector.dll
Kofax.P8Rel4_v7.ConnectorInterface.dll
Kofax.P8Rel4_v7.ConnectorInterface.tlb
```

Kofax.P8Rel4_v7.ConnectorInterfaceFactory.dll
Kofax.P8Rel4_v7.ConnectorInterfaceFactory.tlb

When you are prompted to replace the existing files, select “Yes.”

- 4 Register the Kofax.P8Rel4_v7.ConnectorInterface.dll and the Kofax.P8Rel4_v7.ConnectorInterfaceFactory.dll by invoking the regasm command in the command line prompt. The command to register these dll's is:

```
regasm.exe [InstallDir]\<name of .dll> /codebase /tlb
```

For example:

```
regasm.exe C:\Program  
Files\Ascent\CAP\P8Rel4_v7\Kofax.P8Rel4_v7.ConnectorInterface.dll /codebase /tlb
```

Note regasm.exe is located in C:\Windows\Microsoft.NET\Framework\v1.1.4322\. To run this executable, you can navigate to this folder and run it or place this path in the Path environment variable and run it from any location.

- 5 Re-compile the release script using steps 2 through 4 in the “To modify the release script” section above. These steps ensure that the release script references the newly registered connector interface and connector interface factory.

Note Make sure that the project references the two .tlb files.

Note To successfully modify and compile the connector, connector interface, or connector interface factory, development must occur on a workstation with Microsoft WSE 2.0 SP3 (development setup).

Features

This section contains information about features provided with the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 provides an easy-to-use setup dialog box available from the Ascent Capture Administration module. The Ascent 7.1 Release Script for FileNet Content Manager 4.0 – Release Setup dialog box allows you to specify release settings at batch class setup time that control how documents, folders, and other information are released into the FileNet Content Manager object store.

Ascent Values / FileNet Content Manager Properties

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 provides an easy-to-use interface for linking Ascent Capture Ascent Values to FileNet Content Manager document properties and folder properties. Examples of Ascent Values include Document index fields, Folder index fields, Batch fields, Ascent Capture Values, and Text Constants. The names of “required” FileNet Content Manager properties within a document class or folder class are marked with an asterisk (*), giving you a visual indicator that certain fields must be linked.

Ascent Capture Value {Document GUID}

The Ascent Capture Value {Document GUID} is a new value that can be used for index fields and release values. The Ascent Capture Value is a type of document ID that is unique across the central site and all remote sites that comprise an Ascent Capture installation. This Document GUID is the concatenation of the Batch GUID and the document ID number. For example, a Batch GUID of {D3C58EE2-5627-443b-BBFA-EE7A5790482A} and a document ID of 123 will yield {D3C58EE2-5627-443b-BBFA-EE7A5790482A} 123 as the Document GUID.

Document Storage

With the Ascent 7.1 Release Script for FileNet Content Manager 4.0, you can specify new or existing folders for storing documents in the FileNet Content Manager object store for release. You can use Ascent Capture Ascent Values to specify a document name or folder name.

Folder Creation

When releasing to user-defined folders, the release script searches the FileNet Content Manager object store to locate a folder based on the Folder Name property and the location of the FileNet Content Manager object store.

If the folder is found, this folder will be used for release. The existing properties of the folder will not change, even if Ascent Values are linked to the properties for the folder.

If the folder is not found, a new folder is created in FileNet Content Manager using the values specified at release setup.

Release Script Information Interchange Supported

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports the Ascent Capture Release Script Information Interchange feature. This feature allows the release scripts to pass information to other release scripts.

Refer to *Sharing Data Among Release Scripts* on page 16 for more information.

File Name Retention Supported

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports the Ascent Capture File Name Retention feature. This feature allows you to retain the original imported file name.

Refer to *File Name Retention Feature* on page 12 for more information.

SecurityBoost Supported

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports the Ascent Capture SecurityBoost feature. The SecurityBoost feature allows you to enhance Ascent Capture security for systems using Windows XP and Windows 2000.

Refer to your Ascent Capture Help for more information about the SecurityBoost feature. (Ascent Capture Help keyword: *SecurityBoost > about*)

FileNet Content Manager Object Store

When setting up the Ascent 7.1 Release Script for FileNet Content Manager 4.0, you can easily select the FileNet Content Manager object store to use for your released documents.

Choice List Properties Supported

FileNet Content Manager Choice List properties are supported. To enable releasing to the FileNet Content Manager object store, you must know the choice list values and link appropriate Ascent Values to the Choice List properties. Note that Choice List properties are not visually different from non-choice list properties.

For more information about the FileNet Content Manager Choice List properties, refer to the documentation that came with your FileNet Content Manager product.

Duplicate Documents

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 allows you to select the behavior to occur at release time when a released document has the same Document Title property as another document that exists in the same folder location within the FileNet Content Manager object store. You can specify that the duplicate document be released to the object store or rejected to the Ascent Capture Quality Control module.

Release Working Directory

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 requires that you set up a temporary storage location to copy document images at release time. Your images reside in this location temporarily as they are transferred from Ascent Capture to the FileNet Content Manager object store.

If the release working directory does not exist at release setup, you will be given the option to create the specified directory or select a different directory. On the other hand, if the directory does not exist at release time, the directory will automatically be created.

Multiple Values

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports properties that contain multiple values. You can specify the desired delimiter to separate the values when entering multiple values for your document and folder class properties using the Multi-value separator option as specified on the General Settings tab. For example, if you specified a single semi-colon (;) delimiter for the multi-value separator, you would enter the following:

```
appl e; orange; pear
```

Refer to *Multi-value Separator Option* on page 11 for more information.

Multiple Release Supported

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports the Ascent Capture Multiple Release feature. This feature allows you to assign multiple release scripts to a document class.

In addition, this release script allows you to provide a unique name for your script at release setup time. The name is used to refer to your release script in the Ascent Capture Release Scripts dialog box. This field is not required, but may help you to keep track of your release scripts when using the Multiple Release feature.

Refer to your Ascent Capture Help for more information about the Multiple Release feature. (Ascent Capture Help keyword: *Multiple release*)

Online Help Available for Release Setup

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 Help is installed with your release script. It is available from the Administration module when you are setting up your release script. You can click the Help button from the Ascent 7.1 Release Script for FileNet Content Manager 4.0 – Release Setup dialog box to display help information about release options.

Image Support

This release script supports the following file formats / compression formats:

- Multipage TIFF – Group 3, Group 3/2D, and Group 4 Compression
- Multipage TIFF – Uncompressed Image Format
- Multipage TIFF – JPEG Compression
- Single page TIFF – Group 3, Group 3/2D, and Group 4 Compression
- Single page TIFF – Uncompressed Image Format
- Single page TIFF – JPEG Compression
- JPG – JPEG Compression
- PCX – PackBytes Compression
- Kofax PDF

Kofax PDF Support

With the Ascent 7.1 Release Script for FileNet Content Manager 4.0, you can release Kofax PDF documents into the FileNet Content Manager object store. Kofax PDF is bundled with Ascent Capture and does not require additional software implementation. Kofax PDF documents can be saved in the following output types:

- PDF Image Only
- PDF Image + Text

Refer to *Kofax PDF Options* on page 18 for more information about Kofax PDF documents.

OCR Full Text Support

With the Ascent 7.1 Release Script for FileNet Content Manager 4.0, you can release documents processed through the Ascent Capture OCR Full Text module into the FileNet Content Manager object store.

Refer to *OCR Full Text Options* on page 17 for more information about OCR full text files.

eDocument Support

With the Ascent 7.1 Release Script for FileNet Content Manager 4.0, you do not need to limit your batches to image files. eDocuments are supported for release into FileNet Content Manager.

Refer to *Enable eDocument Processing* on page 16 for more information about eDocument files.

Additional Information

This section contains additional information about the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

Binary and Object Properties Not Supported

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 does not support document classes or folder classes that contain the Binary or Object properties. Note the following:

- If Binary and/or Object properties are not required and are part of the selected document or folder class, the properties will be hidden.
- If Binary and/or Object properties are required and are part of the selected document or folder class, you will receive an error message at release setup when you attempt to select the document or folder class. In addition, you will not be able to select the document or folder class.

Viewing FileNet Content Manager Data in Release Setup

All FileNet Content Manager information is refreshed in release setup when you log in to the release script. This includes the available object stores, document classes, document properties, folder classes, folder properties, and existing folders. Also, whenever you select an object store in release setup, available document classes, folder classes, and existing folders are refreshed. In addition, whenever you select a class in release setup, the document and folder properties are refreshed. However, if document or folder properties are modified in FileNet Content Manager after the first time a class is selected, you must log out of the release script and log back in to see the latest properties.

Skip First Page

The “Skip first page of each document” option as specified on the General Settings tab, allows you to discard the first page of each document from the image. However, if you are releasing only one image in a document and you select this option, release will fail and the document will be routed to the Ascent Capture Quality Control module.

{Index Operator’s Station ID} Ascent Capture Value

The Ascent Capture Value {Index Operator’s Station ID} has been deprecated, and replaced by {Validation Operator’s Station ID}. It is strongly recommended that you use {Validation Operator’s Station ID} instead.

Document and Folder Names

The following sections explain the Document Title property and Folder Name property.

Document Title Property

You can use the Document Title property to specify a name for your released document. This property will always appear first in the Content Manager Properties list as specified on the Document Settings tab.

By default, the Document Title property is not a required property. However, it could be modified to be required from FileNet Content Manager.

Refer to *Document Title Property* on page 33 for more information about a known problem.

Folder Name Property

You can use the Folder Name property to specify a name for your release folder. This property will always appear first in the Content Manager Properties list as specified on the Folder Settings tab. This is a required property. Required folder properties are shown with an asterisk in front of their names (for example, *Folder Name). You must provide an Ascent Value for all required folder properties.

If the Folder Name property resolves to a NULL value, the document will be rejected and routed to the Ascent Capture Quality Control module.

Invalid Folder Name Characters

The Folder Name property cannot contain the following characters:

- Asterisk (*)
- Backslash (\)
- Colon (:)
- Greater than sign (>)
- Less than sign (<)
- Pipe (|)
- Question mark (?)
- Quotation marks (“
- Slash mark (/)

Multi-value Separator Option

The Multi-value separator option as specified on the General Settings tab, allows you to enter only valid printable ASCII characters. This option cannot contain the following characters:

- Carriage return
- Escape
- New line
- Space
- Tab

The Ascent 7.1 Release Script for FileNet Content Manager 4.0 allows you to enter additional delimiters between the values to indicate blank or NULL values. For example:

```
bowl i ng; fi shi ng; ; gol fi ng; ; ; raci ng; swi mmi ng
```

The blank or NULL value will be converted to an empty string when released to FileNet Content Manager. However, the following FileNet Content Manager data types do not accept empty strings:

- Boolean
- DateTime
- Float
- ID
- Integer

The document will be rejected and the batch will be routed to the Ascent Capture Quality Control module.

Warning The Multi-value separator should not be part of your value. For example, if you specify a period (.) as one of your values and you specify the period as the Multi-value separator, the release script will assume the value is the separator. In addition, if you use the Multi-value separator for a single-value property, the literal string will be used.

For more information about the Multi-value separator, refer to the Ascent 7.1 Release Script for FileNet Content Manager 4.0 Help (Help keyword: *Multi-value separator*).

Viewing Content Elements

In FileNet Content Manager, if you attempt to view the content elements of a released document, you will only be able to directly view the first content element in the list. In order to view the remaining content elements, you must open the properties of the released document and select the Content Element tab. Then, double-click on any one of the content elements in the list to view.

Viewing Duplicate Documents in FileNet Content Manager Administrative Tools

The “Release duplicate document” option on the Document Settings tab allows you to release a duplicate document to the FileNet Content Manager object store with the same document name. However, in the FileNet Content Manager Administrative Tools component (also known as the FileNet Content Manager Enterprise Manager) documents are displayed as new documents. No document versioning will occur. All duplicate documents will be released with a sequential whole number. Note that this release script does not append a number to the end of the Document Title property.

To illustrate, consider an object store that already contains the following released documents:

TapDoc
Gui de(3)

If you release two more documents to the same FileNet Content Manager object store with identical file names as the above released documents, the file names will display in the FileNet Content Manager Administrative Tools component as:

TapDoc(1)
Gui de(4)

When releasing documents that already exist in the FileNet Content Manager Administrative Tools component with the same file name, the first duplicate document is always assigned with the number 1. Each additional duplicate document will increase the number by one whole number (for example: 2, 3, 4).

Note This behavior does not occur in the FileNet Content Manager Workplace Thin client. For more information, refer to the documentation that came with your FileNet Content Manager product.

File Name Retention Feature

To use the Ascent Capture File Name Retention feature, you must do the following:

- Set the SupportsOriginalFileName property to TRUE in the release script (SupportsOriginalFileName=TRUE). This is the default setting.
This property is defined in the P8Rel4_v7.INF file. The location of the INF file is where you installed Ascent Capture (for example, C:\Program Files\Ascent\CAP\P8Rel4_v7.INF).
- Enable the “Use the original file name of image and eDocument files” check box on the Release Properties dialog box in the Ascent Capture Release module.

When the above properties are set correctly, all the files will retain their original file name when released.

For more information about the Release Properties dialog box, see the Ascent Capture Help (Ascent Capture Help keyword: *Release Properties dialog box*). You can display Ascent Capture Help from the Help menu available from any Ascent Capture module. Alternatively, you can click Start | Programs | Ascent Capture | Ascent Capture Help.

Behavior of the SupportsOriginalFileName Property

This section describes how pages in a document are released to FileNet Content Manager.

For demonstration, let's say that you are releasing the following 4–page document:

Document1
 Page 1: EngDoc.xml
 Page 2: <unnamed> TIF
 Page 3: PubDoc.pdf
 Page 4: SQADoc.tif

The following table illustrates how the pages are released to FileNet Content Manager.

Table 1. SupportsOriginalFileName Property Behavior

Supports Original File Property	Multipage Image Type		Single Page Image Type		Kofax PDF Image Type	
	OCR	No OCR	OCR	No OCR	OCR	No OCR
TRUE	{Doc ID}.tif* EngDoc.xml PubDoc.pdf 1.txt	{Doc ID}.tif* EngDoc.xml PubDoc.pdf	EngDoc.xml 1.tif PubDoc.pdf SQADoc.tif 1.txt	EngDoc.xml 1.tif PubDoc.pdf SQADoc.tif	{Doc ID}.pdf* EngDoc.xml PubDoc.pdf 1.txt	{Doc ID}.pdf* EngDoc.xml PubDoc.pdf
FALSE	{Doc ID}.tif* 1.xml 2.pdf 1.txt	{Doc ID}.tif* 1.xml 2.pdf	1.xml 2.tif 3.pdf 4.tif 1.txt	1.xml 2.tif 3.pdf 4.tif	{Doc ID}.pdf* 1.xml 2.pdf 1.txt	{Doc ID}.pdf* 1.xml 2.pdf

Legend

* {Doc ID} is an abbreviation for {Document ID}

When releasing documents to the FileNet Content Manager object store, there is a one-to-one correspondence between the document's pages and the content elements. Therefore, one document will be released that contains content elements for each image, OCR full text file, Kofax PDF document, and/or eDocument.

Note the following:

- The following will apply when the document is released with the SupportsOriginalFileName property set to TRUE:
 - ✓ If the content element has been scanned (such as the <unnamed> TIFF image in the 4–page document), the content element is released with the appropriate file extension as specified by the image type. However, the content element file name uses the {Document ID} value. The {Document ID} is a unique, sequential number associated with the page and is assigned by Ascent Capture.
 - ✓ If the content element has been imported, the content element will retain the original file name and file extension.

- ✓ If the content element is specified to be a multipage image type or Kofax PDF image type, then the content element is combined with other images (if any) to form one content element. The content element is released with the appropriate file extension as specified by the image type. However, the content element uses the Ascent Capture file naming scheme, which is the {Document ID}.
- If the document is released with the SupportsOriginalFileName property set to FALSE, each content element contained within the document is released with the file name assigned by Ascent Capture.

Notice that when the INF setting or the Ascent Capture Release module is not set, the release script will not use the File Name Retention feature. In addition, OCR full text files and Kofax PDF documents released from Ascent Capture do not use the File Name Retention feature, regardless of the configuration.

Note The SupportsOriginalFileName property is **not** case-sensitive.

File Name Considerations

If the Ascent Capture File Name Retention feature is enabled, problems may develop when a new input file has the same name as a pre-existing file.

When releasing new input files with the File Name Retention feature enabled, the Ascent Capture Release module checks the batch to see if pre-existing image files (including eDocuments) have the same name as the new input file. Each document in the batch is checked to avoid duplicate file names. If a match is found, the new input file is rejected and the following error message may display:

A duplicate file name was encountered: <FileName>.

The rejected document will be routed to the Ascent Capture Quality Control module.

Duplicate File Names

The following case scenarios explain how a new image file may have the same name as a pre-existing file when the Ascent Capture File Name Retention feature is enabled.

Case 1

When pages in an image file have been scanned, the file is named with a sequential number that is assigned by Ascent Capture. However, if the document already contains an imported file that used a similar file naming scheme (for example, 1.tif or 2.tif), the new scanned image file may match the name of the imported file.

To illustrate, let's say that you scanned the following pages into a document:

1. tif
2. tif
3. tif
4. tif
5. tif

The document already contains the following imported files:

1. tif
2. tif
3. tif

Now, the document contains the following:

- 1. t i f
- 2. t i f
- 3. t i f
- 1. t i f
- 2. t i f
- 3. t i f
- 4. t i f
- 5. t i f

At release, the Ascent Capture Release module will check the document for duplicate file names. The Release module will find 1.tif, 2.tif, and 3.tif as duplicate files. The document will be rejected and routed to the Ascent Capture Quality Control module.

Case 2

When a multipage image file has been imported and you are releasing single page image types, all of the pages in the document will have the same file name.

To explain, let's say that you import the following multipage image document:

- 1. t i f

At release setup, you choose to release the document as a single page image type. The multipage image document contains four pages. At release, Ascent Capture will then process each page in the document as a single page image type. Notice that each page within the document will have the same file name.

- 1. t i f
- 1. t i f
- 1. t i f
- 1. t i f

The Release module will check the document for duplicate file names. The document will be rejected and routed to the Ascent Capture Quality Control module.

Case 3

If the same file is imported more than once, then the files will have the same file name.

For example, let's say that you imported the same file three times. The document will contain the following:

- 1. t i f
- 1. t i f
- 1. t i f

At release, the Release module will check the document for duplicate file names. The document will be rejected and routed to the Ascent Capture Quality Control module.

To resolve the problem, you will need to delete the rejected documents in the Ascent Capture Quality Control module. Then, re-scan and/or re-import the files and release with a different file name.

Sharing Data Among Release Scripts

The Ascent Capture Release Script Information Interchange feature is useful when more than one release script has been configured for a particular batch class and document class combination.

The sharing of information is accomplished by allowing the release scripts to pass information to other release scripts. The Ascent Capture Value {Repository Document ID} is used to store and retrieve the RepositoryDocumentID that will be used by the first invoked release script. Therefore, the first release script that runs can set this value, and subsequent release scripts can read the same value.

Notice that when you are passing the RepositoryDocumentID information to a different release script, the release script must exist within the same document class using multiple release. In addition, the release script that is passing the RepositoryDocumentID information must be placed first in the list on the Release Scripts dialog box. For example:

```
Ascent 7.1 FileNet Content Manager 4.0
Ascent Capture Text
```

Only the first release script can set the RepositoryDocumentID value. Subsequent release scripts can only read this value.

Refer to your Ascent Capture Help for more information about configuring the RepositoryDocumentID. You can display Ascent Capture Help from the Help menu available from any Ascent Capture module. Alternatively, you can click Start | Programs | Ascent Capture | Ascent Capture Help.

Enable eDocument Processing

To release eDocument files, you must enable eDocument processing in your applicable batch class property.

► To enable eDocument processing

- 1 From the Create Batch Class dialog box or Batch Class Properties dialog box, select the Advanced tab.
- 2 Check the “Allow import of eDocument files” check box to enable eDocument processing.
- 3 Click Apply to save your settings without closing the dialog box. Click OK to save your settings and close the dialog box.

Note If you do not enable eDocument processing in Ascent Capture, the eDocument files are simply ignored at release time.

For more information about eDocument processing, refer to the Ascent Capture Help (Ascent Capture Help keyword: *eDocuments > about*).

OCR Full Text Options

Table 2 provides a reference for releasing images when using OCR full text files. Note the following:

- One document is released that contains content elements for each image, eDocument, PDF document, and/or OCR full text file.
- The OCR full text file is always the last content element released.
- All images are listed in the order that they are scanned or imported from Ascent Capture.
- To release eDocuments, you must enable the “Allow import of eDocument files” option on the Ascent Capture Batch Class Properties dialog box.
- To release OCR full text files, you must enable the “Release OCR with document” option on the Image Settings tab. In addition, you must enable Ascent Capture OCR full text processing in your applicable document class and add OCR Full Text module to your applicable batch class. Refer to page 18 for instructions.

Table 2. OCR Full Text Reference

Image Type	eDocuments	Release Result
Multipage image	No	Releases one document that contains a content element for the multipage image and a content element for the OCR full text file.
	Yes	Releases one document that contains a content element for the multipage image, a content element for each of the eDocuments, and then the OCR full text file is the last content element. All images are listed in the order that they are scanned or imported from Ascent Capture. The OCR full text file is always the last content element released.
Single page image	No	Releases one document that contains a content element for each single page image and a content element for the OCR full text file.
	Yes	Releases one document that contains a content element for each single page image, a content element for each of the eDocuments, and then the OCR full text file is the last content element. All images are listed in the order that they are scanned or imported from Ascent Capture. The OCR full text file is always the last content element released.
PDF image	No	Releases one document that contains a content element for the PDF image and a content element for the OCR full text file.
	Yes	Releases one document that contains a content element for the PDF image, a content element for each of the eDocuments, and then the OCR full text file is the last content element. All images are listed in the order that they are scanned or imported from Ascent Capture. The OCR full text file is always the last content element released.

► **To enable OCR full text processing for a document class**

- 1 From the Create Document Class dialog box or Document Class Properties dialog box, select the OCR tab.
- 2 Check the Enable OCR full text check box to enable OCR full text processing for the document class.
- 3 Click Apply to save your settings without closing the dialog box. Click OK to save your settings and close the dialog box.

► **To add the OCR Full Text module to a batch class**

- 1 From the Create Batch Class dialog box or Batch Class Properties dialog box, select the Queues tab.
- 2 Select OCR Full Text from the list of Available Queues, and click Add.
- 3 Click Apply to save your settings without closing the dialog box. Click OK to save your settings and close the dialog box.

For more information about OCR full text processing, refer to the *Getting Started with Ascent Capture* guide.

Kofax PDF Options

To release Kofax PDF documents, you must enable Ascent Capture Kofax PDF generation in your applicable document class and add the Kofax PDF Generator module to your applicable batch class.

Refer to the Ascent 7.1 Release Script for FileNet Content Manager 4.0 Help for details about how Kofax PDF documents and non-image files are released to FileNet Content Manager (Help keyword: *File format combinations*).

► **To add the Kofax PDF Generator module to a batch class**

- 1 From the Create Batch Class dialog box or Batch Class Properties dialog box, select the Queues tab.
- 2 Select PDF Generator from the list of Available Queues, and click Add.
- 3 Click Apply to save your settings without closing the dialog box. Click OK to save your settings and close the dialog box.

► **To enable Kofax PDF generation for a document class**

- 1 From the Create Document Class dialog box or Document Class Properties dialog box, select the PDF tab.
- 2 Check the Enable Kofax PDF generation check box to enable Kofax PDF processing for the document class.
- 3 Click Apply to save your settings without closing the dialog box. Click OK to save your settings and close the dialog box.

For more information about the Kofax PDF Generator module, refer to the *Getting Started with Ascent Capture* guide.

Installing the Release Script

You can install the Ascent 7.1 Release Script for FileNet Content Manager 4.0 on an Ascent Capture client workstation or standalone workstation.

Important Note About Installation

To install the Ascent 7.1 Release Script for FileNet Content Manager 4.0, you must have Windows administrator privileges. If you do not have administrator privileges and install this release script, you may receive error messages and several of the files may not install correctly.

Before you install the Ascent 7.1 Release Script for FileNet Content Manager 4.0, refer to *System Requirements* on page 2 for information about installation requirements.

Installation Instructions

Use the following instructions to install the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

► To install the release script

- 1 Insert your Ascent 7.1 Release Script for FileNet Content Manager 4.0 installation CD into your CD drive.
- 2 From your Windows task bar, select Start | Run, browse to the FileNet\CM4 folder on the CD, and run Setup.exe. The installation program will start.
- 3 Follow the instructions on the screen to install the release script.
- 4 When the installation is complete, a message will display that indicates the release script was successfully installed.

Note Installing the release script automatically registers it with Ascent Capture.

- 5 Repeat this procedure on all Administration and Release workstations that will use the FileNet Content Manager release script.

Upgrading the Release Script

Upgrade to the Ascent 7.1 Release Script for FileNet Content Manager 4.0 is not supported.

Application Maintenance

This section describes how to repair and remove the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

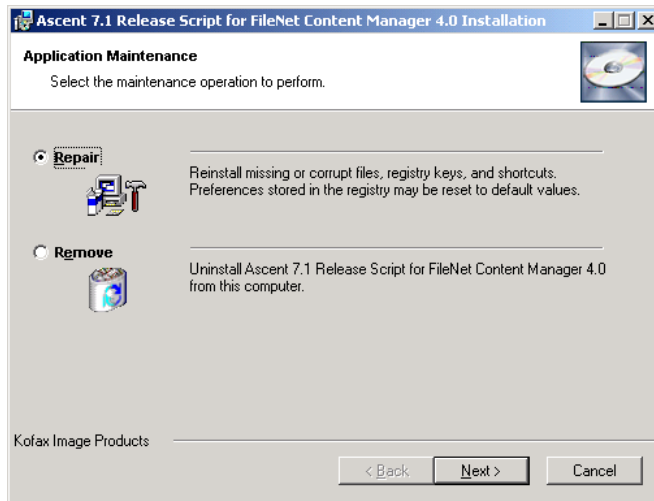


Figure 1. Application Maintenance Dialog Box

Repairing the Release Script

The Repair option replaces missing, renamed, or deleted files.

► To repair the release script

- 1 Insert your Ascent 7.1 Release Script for FileNet Content Manager 4.0 installation CD into your CD drive.
- 2 From your Windows task bar, select Start | Run, browse to the FileNet\CM4 folder on the CD, and run Setup.exe.
- 3 Setup will detect an existing installation and the Application Maintenance dialog box will display, as shown in Figure 1.
- 4 From the Application Maintenance dialog box, select “Repair” and then click Next.
- 5 Follow the instructions on the screen to repair the release script.
- 6 When the repair is complete, a message will display that indicates the release script was successfully installed.

Removing the Release Script

The Remove option will delete the release script.

► **To remove the release script**

- 1 Insert your Ascent 7.1 Release Script for FileNet Content Manager 4.0 installation CD into your CD drive.
- 2 From your Windows task bar, select Start | Run, browse to the FileNet\CM4 folder on the CD, and run Setup.exe.
- 3 Setup will detect an existing installation and the Application Maintenance dialog box will display, as shown in Figure 1 on page 20.
- 4 From the Application Maintenance dialog box, select “Remove” and then click Next.
- 5 Follow the instructions on the screen to delete the release script.
- 6 When the uninstallation is complete, a message will display that indicates the release script was successfully uninstalled.

Alternatively, you can use the Add or Remove Programs utility from the Windows Control Panel to uninstall the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

Refer to your Microsoft documentation for more information about the Add or Remove Programs utility.

Refer to *Problems When Uninstalling the Release Script* on page 33 for information about a known problem.

Note After uninstalling, the Ascent 7.1 Release Script for FileNet Content Manager 4.0 will continue to display in the Release Script Manager, although it will not be functional. To remove the release script from the list, you must go into every batch class and associated document class, select the applicable release script from the Assigned Release Scripts list and click Remove. You must do this for every instance of the FileNet Content Manager release script. After all references to the release script are removed, you will be able to delete the Ascent 7.1 Release Script for FileNet Content Manager 4.0 from the Release Script Manager.

Logging On to the Release Script

Once you have associated a document class with a batch class in Ascent Capture, you may specify the release script to use when releasing your images, OCR full text files, Kofax PDF documents, eDocuments, and index data.

To release to FileNet Content Manager, the logged-in user must have the following:

- A valid FileNet Content Manager user name and password
- Permissions to create new objects and modify existing objects
- Permissions to connect to the FileNet Content Manager object store

Contact your FileNet Content Manager administrator for assistance.

► To log on to the release script

- 1 Start the Ascent Capture Administration module. The module's main screen will display.
- 2 Select the Batch class tab from the Definitions panel, and right-click the applicable document class. (Expand the batch class item to select associated document classes.) A context menu will display.
- 3 From the context menu, select "Release Scripts." The Release Scripts dialog box will display.

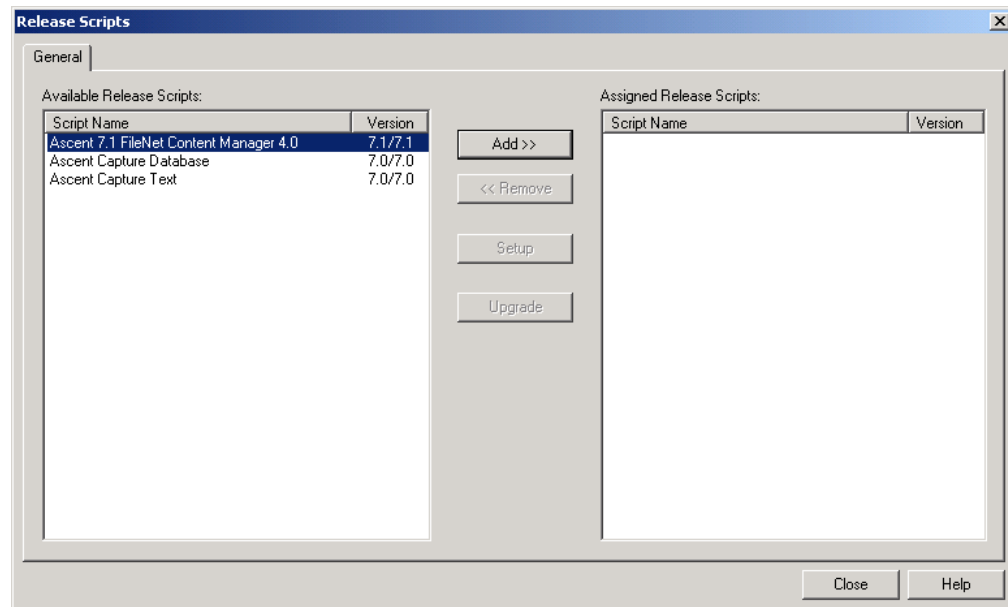


Figure 2. Release Scripts Dialog Box

- 4 The Release Scripts dialog box lists all available release scripts. Available release scripts are those that are registered with Ascent Capture. From the Release Scripts dialog box, select the "Ascent 7.1 FileNet Content Manager 4.0" release script and click Add. The FileNet Content Manager Login Information dialog box will display, as shown in Figure 3 on page 23.
- 5 Enter your FileNet Content Manager user name.
- 6 Enter your FileNet Content Manager password.

- 7 Enter your FileNet Content Manager site URL. The release script supports the following format:

`http(s)://<Server name>:<Port number>/wsi/<Folder containing FileNet Web Service>`

For example:

`http://MyServerName:9080/wsi/FNCEWS40DIME/`

`https://MyServerName.MyDomainName.com:9443/wsi/FNCEWS40DIME/`

Note If you plan to connect via https, make sure a trusted certificate is installed.

Note The Ascent 7.1 Release Script for FileNet Content Manager 4.0 supports the DIME web service, which is compatible with .NET 1.1. The MTOM web service, which is compatible with .NET 2.0, is not supported.

The server name is not case-sensitive. The portion after the port number is case-sensitive.

The login information will be used to log on to the FileNet Content Manager object store. This information will be saved and used during release.

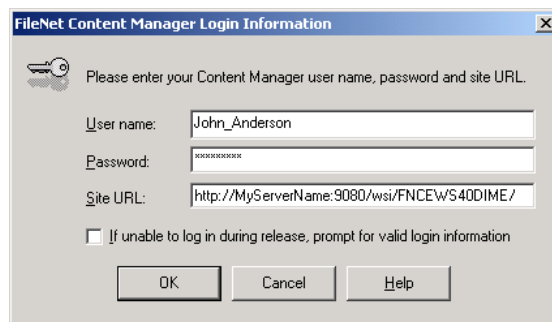


Figure 3. FileNet Content Manager Login Information Dialog Box

Note The login information will be saved and used during release.

- 8 To prompt for a user ID and password if the release script is not able to log on to FileNet Content Manager at release time, select the “If unable to log in during release, prompt for valid login information” check box.
- If selected and there is a problem logging on to the FileNet Content Manager release script, the FileNet Content Manager Login Information dialog box will display during release. The user may then enter a valid user name and password, and click OK. However, if the user clicks the Cancel button, the release will fail and the batch will be routed to the Ascent Capture Quality Control module.
 - If not selected and problems occur when logging on to the FileNet Content Manager release script, the FileNet Content Manager Login Information dialog box will not display during release. Release will fail and the batch will be routed to the Ascent Capture Quality Control module.

Note Do not select this feature if you plan to run the Ascent Capture Release module as a service or if you plan to run the Release module during off-hours. The FileNet Content Manager Login Information dialog box requires a user response, which interferes with the automated nature of running the Release module as a service or without operator attention.

- 9 Click OK. The Ascent 7.1 Release Script for FileNet Content Manager 4.0 – Release Setup dialog box will display, as shown in Figure 4 on page 24.

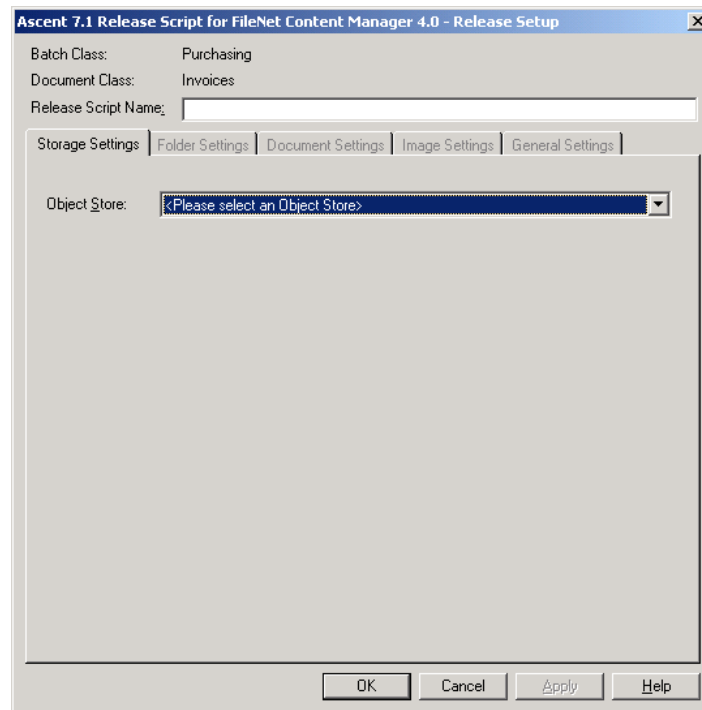


Figure 4. Ascent 7.1 Release Script for FileNet Content Manager 4.0 – Release Setup Dialog Box

- 10 Refer to the next section, *Setting Up the Release Script*, for information about the set up options.

Setting Up the Release Script

The following sections describe the setup options available with the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

Note For more details about the setup options, refer to the Help available from the Ascent 7.1 Release Script for FileNet Content Manager 4.0 – Release Setup dialog box.

Storage Settings Tab

This tab allows you to specify the desired FileNet Content Manager object store to be used for release.

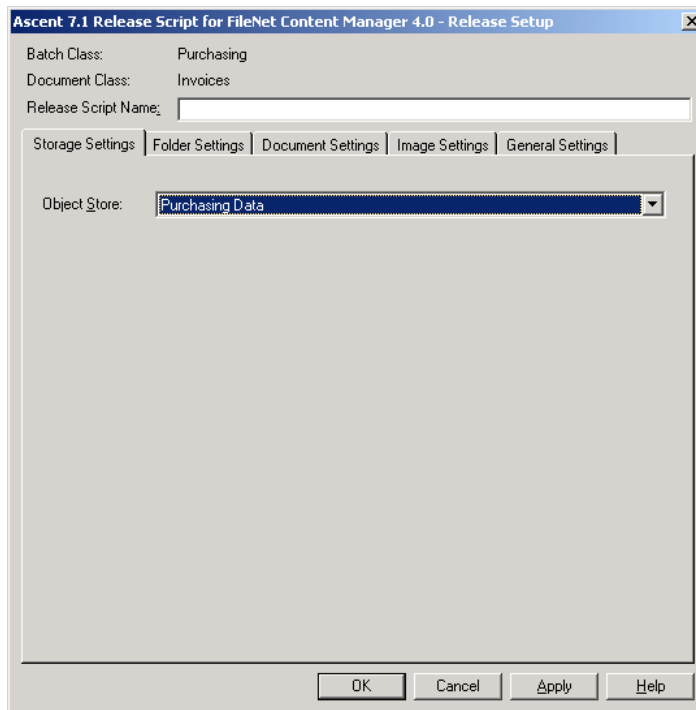


Figure 5. Storage Settings Tab

Folder Settings Tab

This tab allows you to specify new or existing folders to use for storing documents in the FileNet Content Manager object store.

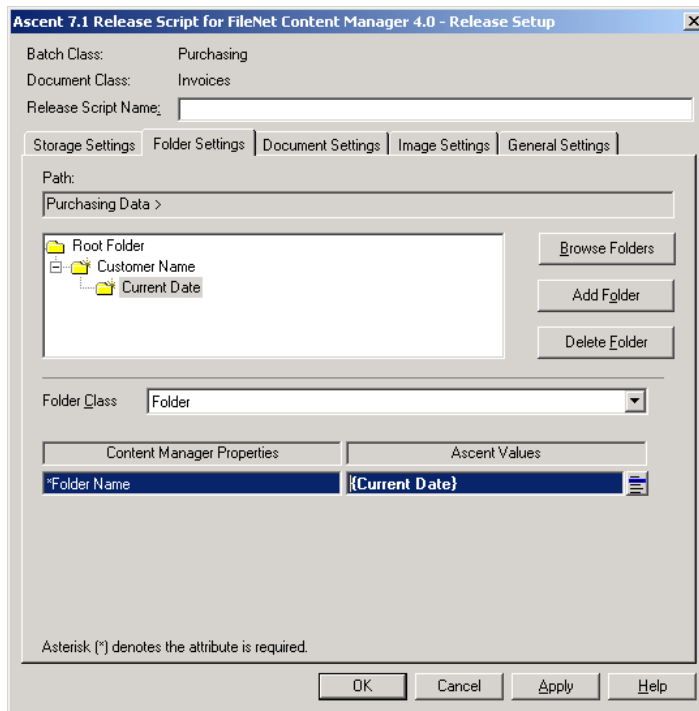


Figure 6. Folder Settings Tab

Document Settings Tab

This tab allows you to specify a Content Manager document class for the document to be released. In addition, you can assign Ascent Values to properties of a document class.

Ascent 7.1 Release Script for FileNet Content Manager 4.0 - Release Setup

Batch Class: Purchasing
 Document Class: Invoices
 Release Script Name:

Storage Settings | Folder Settings | Document Settings | Image Settings | General Settings

Document Class: Invoices

Content Manager Properties	Ascent Values
Sales Rep. Name	<input type="text"/>
Ship Date	<input type="text"/>
Ship Via	<input type="text"/>
Terms	<input type="text"/>
Ship To	<input type="text"/>
Customer Country	<input type="text"/>
Customer ID	<input type="text"/>

Asterisk (*) denotes the attribute is required.

If Document Exists:

Release duplicate document Reject duplicate document

OK Cancel Apply Help

Figure 7. Document Settings Tab

Image Settings Tab

This tab allows you to specify the desired image format for releasing your images, and specify whether to release OCR full text files with your document.

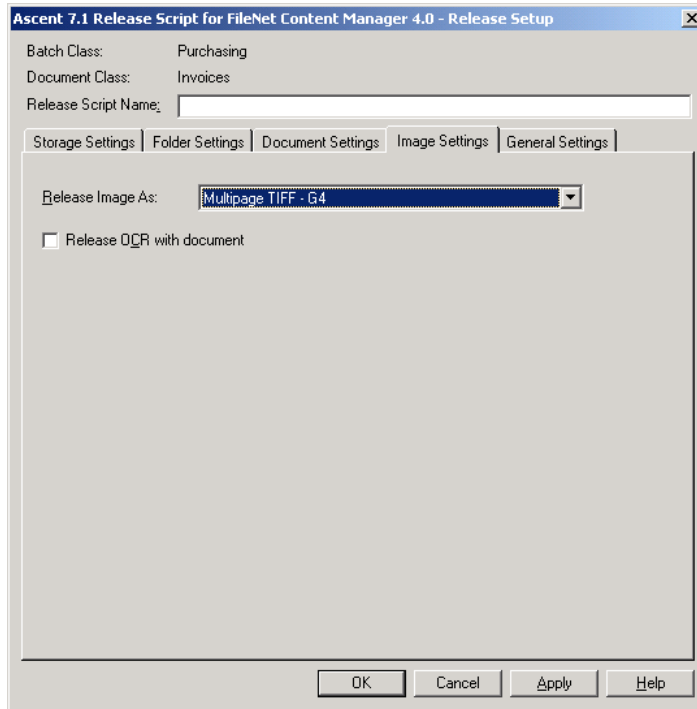


Figure 8. Image Settings Tab

General Settings Tab

This tab allows you to specify a temporary storage location to be used at release time and specify whether to skip the first page of each document. You may want to skip the first page if you are using standalone separator sheets to separate your documents, and you do not want to release the separator sheets with your documents. In addition, you can specify a multi-value separator for your document and folder class properties.

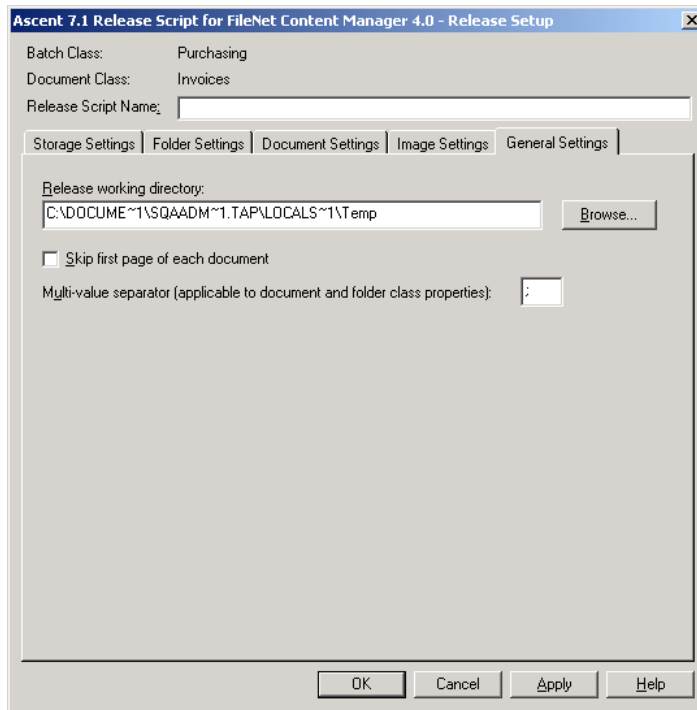


Figure 9. General Settings Tab

Publishing a Batch Class

After you select all your batch class settings, you must publish your batch class before you can use it. The publishing process checks the integrity of the settings in your batch class, and makes the batch class available for use. If problems are found with any of the settings, error and warning messages will display along with the recommended actions for fixing the problems.

If you ever decide to edit your batch class, you must publish your batch class again before your changes can be used. Your changes will not be applied to batches created before the new publication date.

► To publish a batch class

- 1 Start the Ascent Capture Administration module. The module's main screen will display.
- 2 Select the Batch class tab from the Definitions panel, and right-click the applicable batch class. A context menu will display.
- 3 From the context menu, select "Publish." The Publish dialog box will display.
- 4 From the Publish dialog box, select your batch class and click Publish. Ascent Capture will check all of your batch class settings and display the results in the Results box.
 - a If no problems are detected, the message "Publishing successful" will display.
 - b If problems are detected, error and/or warning messages will display along with the recommended actions to resolve the problems. Perform the recommended actions, and then try to publish the batch class again.
- 5 Run some sample batches through the system to test the operation of the release script.

After successfully publishing, you can create batches based on your batch class. As your batches flow through your Ascent Capture system, they will be routed from module to module. The modules that are used to process a batch, and the order that processing occurs, are specified as part of the batch class definition for the batch.

Refer to the Ascent Capture Help for more information about batch classes (Ascent Capture Help keyword: *Batch classes > about*).

Releasing Batches

With the Ascent 7.1 Release Script for FileNet Content Manager 4.0, the Ascent Capture Release module will process batches based on the settings of the associated batch classes. The Release module is responsible for releasing documents, as well as index data using the properties defined during release setup.

The Ascent Capture Release module usually runs as an unattended module on a Windows workstation, periodically polling the Release module for available batches. The Release module may be configured to run during off-hours to avoid any impact to the throughput of Ascent Capture and/or the network system. To start the Release module, select Start | Programs | Ascent Capture | Release. All batches queued for release will be released after initiation of the Release module.

Note Refer to your Ascent Capture Help for more information about configuring the Release module (Ascent Capture Help keyword: *Release module > about*). You can display Ascent Capture Help from the Help menu available from any Ascent Capture module. Alternatively, you can click Start | Programs | Ascent Capture | Ascent Capture Help.

► To release a batch

- 1 Start the Ascent Capture Release module. The module's main screen will display. Any batches waiting to be released will be processed.

Note If the FileNet Content Manager Login Information dialog box displays, enter a FileNet Content Manager user name, password, and site URL. Refer to *Logging On to the Release Script* on page 22.

- 2 Once your batch is released, it will be removed from Ascent Capture. If any documents or pages are rejected, the batch will be routed to the Ascent Capture Quality Control module.
- 3 When you want to exit the Release module, select Batch | Exit from the Release module's menu bar.

Known Problems

This section contains information about known problems with the Ascent 7.1 Release Script for FileNet Content Manager 4.0.

Problems with the Administration and Release Modules

After you exit the release script's user interface, you may notice that you are experiencing problems with the Ascent Capture Administration and Release modules. (SPR 00017588)

When you close the Ascent Capture Administration and the Release module, an error message displays. The above problems occur because the VirtualReScan (VRS) 4.0 DLL is attempting to access an Ascent Capture DLL that the workstation has already shut down. You will need to download the VRS 4.0 Service Pack 1 from the Support pages on the Kofax Web site.

Refer to your Microsoft documentation for more information about the Windows Task Manager utility.

► To install VRS 4.0 Service Pack 1

- 1 Use the Windows Task Manager utility to end all processes for the Ascent Capture Administration and Release modules. You will need to look for Admin.exe and Release.exe in the list of Processes. Make certain that you have removed all instances of the Admin.exe process.
- 2 Download VRS 4.0 Service Pack 1 from the Kofax Web site. The file that downloads is a self-extracting executable that contains VRS 4.0 Service Pack 1.
- 3 Run the executable file to install VRS 4.0 Service Pack 1.
- 4 Follow the instructions on your screen. When the installation is complete, a message will display that indicates Service Pack 1 was successfully installed.
- 5 Repeat this procedure on all Administration and Release workstations.

Note VRS 4.0 with no Service Pack is installed "silently" as part of the Ascent Capture 7.0 installation process. "Silently" means that VRS 4.0 is automatically installed as a component of the Ascent Capture 7.0 program. Therefore, VRS 4.0 will not display in the list of installed programs in the Add or Remove Programs utility from the Windows Control Panel. Note that VRS 4.0 Service Pack 1 is not a cumulative package and does not contain the VRS 4.0 installation.

Problems When Installing on Windows XP

If you are installing the Ascent 7.1 Release Script for FileNet Content Manager 4.0 on a Windows XP Professional workstation and you specify a mapped drive, you will receive the following error message. (SPR 24611)

Error 1904. Module <MappedDrive> failed to register. HRESULT -2147467259. Contact your support personnel.

Workaround: The error message is incorrect and can simply be ignored. Click the Ignore button and the release script will successfully install and register the release script.

If you click the Abort button, the installation will end. If you click the Retry button, you will receive the error message again.

Problems When Uninstalling the Release Script

If you click the Cancel button while you are uninstalling the release script, all the release script original files will remain properly installed on the system. However, depending on the point during the uninstallation that the Cancel button is clicked, the release script may be un-registered. In such a case, once you attempt to log on to the release script, login will fail. (SPR 31221)

Workaround: If this problem occurs, run Repair. Refer to *Repairing the Release Script* on page 20 for more information. Alternatively, you can re-register the release script in the Release Script Manager.

Document Title Property

You can use the Document Title property to specify a name for your released document. If the Document Title property resolves to a NULL value, the release script will not use the FileNet Content Manager Document Object ID to name the document. However, the Document Title property appears as if it is used by the FileNet Content Manager Object ID in the FileNet Content Manager Administrative Tools component. In the FileNet Content Manager Workplace Thin client the Document Title property will display “undefined name.” (SPR 00010817)

Note that once the document is released, you cannot search for the document using the blank name or the FileNet Content Manager Object ID.

Workaround: Specify a name for your released document.

Document and Folder Classes That Do Not Allow Instances

Document and Folder classes that do not allow instances are not displayed in the Ascent 7.1 Release Script for FileNet Content Manager 4.0. (SPR 00011903)

Revoking User Permissions to the Object Store

If the permissions to a particular FileNet Content Manager object store have been suddenly revoked for the logged-in user and that user attempts to release a batch, the release will fail with the following error message. (SPR 00012367)

The user *<UserName>* is not authorized to the *<ObjectStore>* object store or the object store has been removed or renamed. Please verify that you have the appropriate permissions and the object store is available.

Workaround: Your system administrator will need to restore the access permissions to the FileNet Content Manager object store for the logged-in user. Then, the user can unreject the documents in error and re-release the batch. Once the batch is successfully released, the user’s permissions can be revoked.

Removing Or Renaming Folders in the FileNet Content Manager Object Store

If a folder has been renamed or removed in your selected FileNet Content Manager object store, you will **not** receive a warning when you open release setup. At release, the document will be rejected and routed to the Ascent Capture Quality Control module. (SPR 00013301)

Workaround: Recreate the folder.

Unexpected Behavior With the Release Working Directory

When you specify a UNC path for the Release working directory on the General Settings tab and that path does not exist, the FileNet Content Manager release script will give you the option to create the directory. If you click “Yes” to create the directory, you will then receive a warning message that the path is invalid and the Release working directory will not be created. (SPR 00011417)

Workaround: Specify an existing UNC path for the Release working directory.

Documents Released with Unrecognized MIME Type

If you attempt to release a document with an unknown MIME type, the file extension is used as the MIME type. This is not always accurate. To ensure that documents are released with the correct MIME type, install the missing MIME-compliant application on your release workstation. For example, to open an .XLS MIME type, install Microsoft Excel on the release workstation. Once the applicable MIME types are registered on the release workstation, documents will be released with the correct MIME type.

Empty Folders May Be Created

One or more empty folders may be created in the release destination if document release fails. (SPR 00031814)

Intermittent Permission Error

When releasing batches continuously for a long period of time, some batches may fail to release due to the user account temporarily losing permission to either create a folder or upload a document. The failed batches will need to be unrejected in the Quality Control module and released again. (IBM defect number ecmdb00742846, SPR 00032045)

Appendix A – Data Type Compatibility

The figures in this appendix map Ascent Capture data types to FileNet Content Manager data types, and indicate which combinations are valid.

Refer to your Ascent Capture Help for more information about Ascent Capture data types (Ascent Capture Help keyword: *Data types*). You can display Ascent Capture Help from the Help menu available from any Ascent Capture module.

Valid Boolean Formats

The valid Boolean formats include the following:

- Any non-zero number and “TRUE”
- “0” and “FALSE”

Note The Boolean values (*TRUE* or *FALSE*) are not case-sensitive.

Ascent Value Data Types

When Ascent Value fields are copied to FileNet Content Manager properties, their data types are converted to FileNet Content Manager data types. The following figure lists the supported FileNet Content Manager data types for Ascent Capture batch fields and index fields.

Ascent Value Data Types	FileNet Binary	FileNet Boolean	FileNet DateTime	FileNet Float	FileNet ID	FileNet Integer	FileNet Object	FileNet String
CHAR	NS	√ ₁	√ ₁	√ ₁	√ ₁	√ ₁	NS	√
DATE	NS		√				NS	√
DECIMAL	NS	√		√		√ ₂	NS	√
DOUBLE	NS	√		√		√ ₂	NS	√
FLOAT	NS	√		√		√ ₂	NS	√
INTEGER	NS	√		√		√	NS	√
NUMERIC	NS	√		√		√ ₂	NS	√
REAL	NS	√		√		√ ₂	NS	√
SMALLINT	NS	√		√		√	NS	√
TIME	NS		√				NS	√
VARCHAR	NS	√ ₁	√ ₁	√ ₁	√ ₁	√ ₁	NS	√

Legend

- √ Supported
- √₁ Depends on the value entered
- √₂ Rounded to the nearest integer
- NS Not supported

Figure 10. Ascent Value Data Types

Ascent Capture Values

The following figure lists the Ascent Capture values for FileNet Content Manager data types.

Refer to your Ascent Capture Help for more information about Ascent Capture values (Ascent Capture Help keyword: *Ascent Capture > values*).

Ascent Capture Values	FileNet Binary	FileNet Boolean	FileNet DateTime	FileNet Float	FileNet ID	FileNet Integer	FileNet Object	FileNet String
{Batch Creation Date}	NS		√			NS	√	
{Batch Creation Time}	NS		√			NS	√	
{Current Date}	NS		√			NS	√	
{Document Count}	NS			√	√	NS	√	
{Current Time}	NS		√			NS	√	
{First Page Roll Number}	NS			√	√	NS	√	
All other Ascent Capture Values	NS	√ ₁	√ ₁	√ ₁	√ ₁	√ ₁	NS	√ ₁

Legend

- √ Supported
- √₁ Depends on the value entered
- NS Not supported

Figure 11. Ascent Capture Values

Text Constants

The following figure lists the supported FileNet Content Manager data types for Ascent Capture text constants.

		FileNet Content Manager Data Types							
Ascent Capture Text Constants		FileNet Binary	FileNet Boolean	FileNet DateTime	FileNet Float	FileNet ID	FileNet Integer	FileNet Object	FileNet String
Text Constants	NS	√ ₁	√ ₁	√ ₁	√ ₁	√ ₁	NS	√	

Legend

- √ Supported
- √₁ Depends on the value entered
- NS Not supported

Figure 12. Ascent Capture Text Constants

Appendix B – FileNet Content Manager Permissions

The following use case scenarios provide a quick reference for setting up permissions in FileNet Content Manager. It lists the following:

- A visual representation about access permissions to the FileNet Content Manager domain.
- Recommended permissions to the FileNet Content Manager object store.
- Information about the release script behavior and FileNet Content Manager permissions.

Refer to the documentation that came with your FileNet Content Manager product for more details about FileNet Content Manager permissions.

Adding Access Permissions to the FileNet Content Manager Domain

The following sample scenario illustrates how you can easily allow or deny access permissions to the FileNet Content Manager domain. The instructions are simply the security permissions that you can add to a particular node. The “P8Users” accounts indicate the users/groups that have been granted the appropriate permissions to access a particular node in the FileNet Content Manager domain.

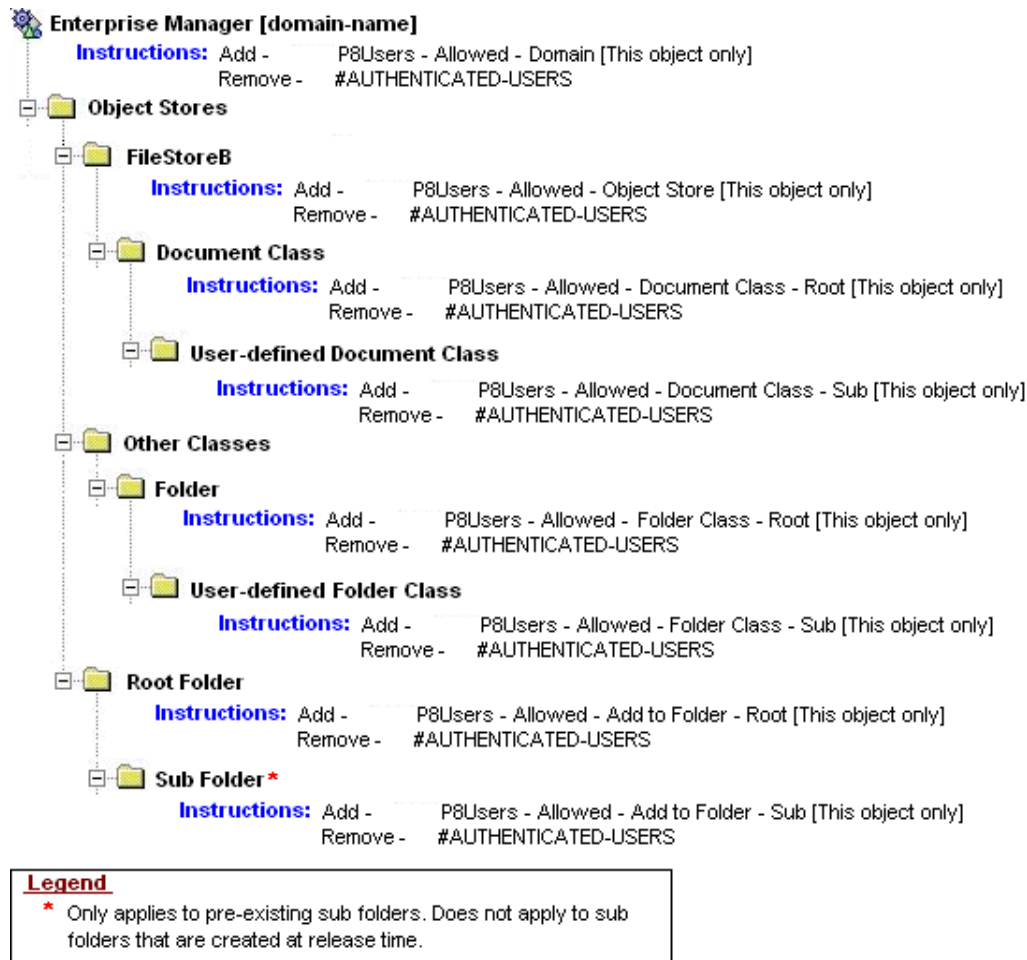


Figure 13. Permissions Scenario for the FileNet Content Manager Domain

Recommended Permissions

To use FileNet Content Manager and this release script, we recommend that the logged-in users have the following permissions to the FileNet Content Manager object store. If the user does not have the appropriate permissions assigned, release may fail and the batch/document will be routed to the Ascent Capture Quality Control module.

Refer to the documentation that came with your FileNet Content Manager product for more details about FileNet Content Manager permissions.

Warning FileNet Content Manager group permissions override individual user permissions. In addition, documents do **not** inherit permissions from their parents when using the release script.

FileNet Content Manager Domain

To log on to the FileNet Content Manager release script, the logged-in user must be a member of the FileNet Content Manager domain.

FileNet Content Manager Object Store

To access a FileNet Content Manager object store in release setup, you must select an object store to which the logged-in user has the appropriate authorization to connect. If you select an object store that you do not have authorization to connect, you will receive an error message prompting you to select an object store that you have the appropriate permissions to access.

Create Folders

To create folders, you must have permission to access the FileNet Content Manager object store. In addition, you must have permissions to create new objects and modify existing objects on the object store. This will allow new folders to be created to organize the objects in the object store. If you do not have the necessary permissions, an error will be logged at release and the documents will be rejected and routed to the Ascent Capture Quality Control module. No validation is performed during release setup to ensure that you have the appropriate permissions to create folders on the selected object store.

You must also have the following security rights to use the folder class:

- View all properties
- Modify all properties
- Create instance
- Read permission

Release Documents

To release documents, you must have permission to access the FileNet Content Manager object store. In addition, you must have permissions to create new objects and modify existing objects on the object store. This will allow documents to be released to FileNet Content Manager. If you do not have the necessary permissions, an error will be logged at release and the documents will be rejected and routed to the Ascent Capture Quality Control module. No validation is performed during release setup to ensure that you have the appropriate permissions to release documents to the selected object store.

You must also have the following security rights to use the document class:

- View all properties
- Modify all properties
- Create instance
- Read permission

Release Script Behavior

The FileNet Content Manager permissions may behave differently in this release script than in the FileNet Content Manager Workplace Thin client. For example, if you give access permissions to the User-defined Document Class node (as shown in Figure 14) and do not give access to the Document Class node (also known as the system class node in FileNet Content Manager), the release will fail with an error.



Figure 14. FileNet Content Manager Domain

When permissions are denied to the Document Class node, the FileNet Content Manager system will deny access to all the subclasses below the Document Class node in the hierarchy. This problem occurs because the release script uses a different API set than FileNet Content Manager. Notice that you will not see this behavior in the FileNet Content Manager Workplace Thin client.

Note If information is changed in FileNet Content Manager while release setup is open, the release script will not see the latest changes. Therefore, you must log out of the release script and log back in for the changes to take effect. When adding and/or removing domain users, you may need to stop and restart the “Content Engine Object Store” service on the Content Engine Server to see the latest changes.

Appendix C – Kofax Technical Support

For additional technical information about Kofax products, visit the Kofax Web site at www.kofax.com and select an appropriate option from the Support menu. The Kofax Support pages provide product-specific information, such as current revision levels, the latest drivers and software patches, online documentation and user manuals, updates to product release notes (if any), technical tips, and an extensive searchable knowledgebase.

The Kofax Web site also contains information that describes support options for Kofax products. Please review the site for details about the available support options.

If you need to contact Kofax Technical Support, please have the following information available:

- Ascent Capture software version
- FileNet Content Manager release script version
- Operating system and Service Pack version
- Network and client configuration
- Copies of your error log files
- Information about your release script

