

Endeca® Content Acquisition System

FileNet P8 Connector Guide

Version 3.0.1 • December 2011



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Preface

Endeca® InFront enables businesses to deliver targeted experiences for any customer, every time, in any channel. Utilizing all underlying product data and content, businesses are able to influence customer behavior regardless of where or how customers choose to engage — online, in-store, or on-the-go. And with integrated analytics and agile business-user tools, InFront solutions help businesses adapt to changing market needs, influence customer behavior across channels, and dynamically manage a relevant and targeted experience for every customer, every time.

InFront Workbench with Experience Manager provides a single, flexible platform to create, deliver, and manage content-rich, multichannel customer experiences. Experience Manager allows non-technical users to control how, where, when, and what type of content is presented in response to any search, category selection, or facet refinement.

At the core of InFront is the Endeca MDEX Engine,[™] a hybrid search-analytical database specifically designed for high-performance exploration and discovery. InFront Integrator provides a set of extensible mechanisms to bring both structured data and unstructured content into the MDEX Engine from a variety of source systems. InFront Assembler dynamically assembles content from any resource and seamlessly combines it with results from the MDEX Engine.

These components — along with additional modules for SEO, Social, and Mobile channel support — make up the core of Endeca InFront, a customer experience management platform focused on delivering the most relevant, targeted, and optimized experience for every customer, at every step, across all customer touch points.

About this guide

This guide describes the tasks necessary to configure the FileNet P8 connector.

It assumes familiarity with the concepts of the Endeca Content Acquisition System and the Endeca Information Transformation Layer. For more information, see the *Endeca CAS Developer's Guide* and the *Endeca Forge Guide*.

Who should use this guide

This guide is intended for application developers who are building applications using the Endeca Content Acquisition System, and are responsible for gathering, crawling, joining and feeding the data in different source formats into the Endeca pipeline to transform them into Endeca records.

Conventions used in this guide

This guide uses the following typographical conventions:

Code examples, inline references to code elements, file names, and user input are set in monospace font. In the case of long lines of code, or when inline monospace text occurs at the end of a line, the following symbol is used to show that the content continues on to the next line: ↪

When copying and pasting such examples, ensure that any occurrences of the symbol and the corresponding line break are deleted and any remaining space is closed up.

Contacting Endeca Customer Support

The Endeca Support Center provides registered users with important information regarding Endeca software, implementation questions, product and solution help, training and professional services consultation as well as overall news and updates from Endeca.

You can contact Endeca Standard Customer Support through the Support section of the Endeca Developer Network (EDeN) at <http://eden.endeca.com>.



Chapter 1

Configuring CAS for FileNet P8

Set up the CAS Server for FileNet P8, and set FileNet P8-specific options in the CAS Console for Endeca Workbench. See the "Endeca CAS API Guide" for details on crawling a FileNet P8 repository through the CAS API.

FileNet P8 versions supported by the FileNet P8 connector

The FileNet P8 connector supports the following versions of FileNet P8 repositories:

- FileNet P8 3.5
- FileNet P8 4.0



Note: CAS can only crawl documents that are stored in folders within a repository. Documents stored outside folders are skipped during the crawl.

Configuration properties for a FileNet P8 connector

To configure a FileNet P8 connector, specify configuration properties listed below.



Note: In addition to configuring the connector-specific property listed below, you must enter values for the data source username and password.

Create the following configuration properties using either CAS Console or the CAS Server Command-line Utility.

CAS Property Display Name	CAS Property Name	Property Description
Object Store	ObjectStore	(Required) Enter the name of the FileNet P8 Object Store.
Workplace URL	workplaceUrl	(Optional) The base URL of the FileNet Workplace or WorkplaceXT application. This is used to generate URLs to documents and folders. For example:

CAS Property Display Name	CAS Property Name	Property Description
		<code>http://fnetserver:9080/app_engine/</code> . (The URLs are stored in <code>Endeca.CMS.Uri</code> .)
Remote Server URL	<code>RemoteServerUrl</code>	(Required) Specify the URL of the Content Engine web service, for example, <code>http://fnetserver:9080/wsi/FNCEWS40SOAP</code> .
Remote file transfer URL	<code>RemoteServerFileTransferUrl</code>	(Optional) Specify the URL of the Content Engine file transfer web service, for example: <code>http://fnetserver:9080/wsi/FNCEWS40MTOM</code> .
Check SSL Certificate	<code>strictSSLChecking</code>	(Optional) Specify whether all SSL certificates are accepted, including self-signed certificates. If set to <code>true</code> , only trusted SSL certificates are accepted. The default value is <code>false</code> .



Note: Properties are case sensitive.

Managing logging messages for FileNet P8

A crawl for FileNet P8 may issue a number of `ObjectSet.Payload` log messages.

During a crawl, you may see a number of log messages which are issued by the FileNet P8 API. Use the following lines in `cas-service-log4j.properties` (found in `workspace\conf` on Windows or `workspace/conf` on UNIX), to reduce logging output:

```
log4j.logger.com.filenet.wcm.api.impl=ERROR
log4j.logger.com.filenet.wcm.api.PropertyNotFoundException=FATAL
```

Permission mapping

The following table shows the mapping between FileNet P8 permissions and the resulting Endeca record properties that can be produced.

FileNet P8 permissions	Endeca record properties
View Content	<code>Endeca.CMS.AllowReadContent</code>
Deny View Content	<code>Endeca.CMS.DenyReadContent</code>
Read	<code>Endeca.CMS.AllowReadProperties</code>
Deny Read	<code>Endeca.CMS.DenyReadProperties</code>