

# Endeca Content Acquisition System

FileNet P8 Connector Guide

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ENDECA



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# Preface

Oracle Endeca's Web commerce solution enables your company to deliver a personalized, consistent customer buying experience across all channels — online, in-store, mobile, or social. Whenever and wherever customers engage with your business, the Oracle Endeca Web commerce solution delivers, analyzes, and targets just the right content to just the right customer to encourage clicks and drive business results.

Oracle Endeca Guided Search is the most effective way for your customers to dynamically explore your storefront and find relevant and desired items quickly. An industry-leading faceted search and Guided Navigation solution, Oracle Endeca Guided Search enables businesses to help guide and influence customers in each step of their search experience. At the core of Oracle Endeca Guided Search is the MDEX Engine,™ a hybrid search-analytical database specifically designed for high-performance exploration and discovery. The Endeca Content Acquisition System provides a set of extensible mechanisms to bring both structured data and unstructured content into the MDEX Engine from a variety of source systems. Endeca Assembler dynamically assembles content from any resource and seamlessly combines it with results from the MDEX Engine.

Oracle Endeca Experience Manager is a single, flexible solution that enables you to create, deliver, and manage content-rich, cross-channel customer experiences. It also enables non-technical business users to deliver targeted, user-centric online experiences in a scalable way — creating always-relevant customer interactions that increase conversion rates and accelerate cross-channel sales. Non-technical users can control how, where, when, and what type of content is presented in response to any search, category selection, or facet refinement.

These components — along with additional modules for SEO, Social, and Mobile channel support — make up the core of Oracle Endeca Experience Manager, 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 Oracle Endeca Customer Support

Oracle Endeca Customer Support provides registered users with important information regarding Oracle Endeca software, implementation questions, product and solution help, as well as overall news and updates.

You can contact Oracle Endeca Customer Support through Oracle's Support portal, My Oracle Support at <https://support.oracle.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 Oracle 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
<b>Object Store</b>	ObjectStore	(Required) Enter the name of the FileNet P8 Object Store.
<b>Workplace URL</b>	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> .)
<b>Remote Server URL</b>	<code>RemoteServerUrl</code>	(Required) Specify the URL of the Content Engine web service, for example, <code>http://fnetserver:9080/wsi/FNCEWS40SOAP</code> .
<b>Remote file transfer URL</b>	<code>RemoteServerFileTransferUrl</code>	(Optional) Specify the URL of the Content Engine file transfer web service, for example: <code>http://fnetserver:9080/wsi/FNCEWS40MTOM</code> .
<b>Check SSL Certificate</b>	<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>