

Endeca® Content Acquisition System

Documentum Content Server Connector Guide

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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 Documentum Content Server CMS 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 the CAS Server for Documentum

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

Documentum Content Server versions supported by this connector

The Documentum Content Server connector supports the following versions of Documentum Content Server repositories:

- Documentum Content Server 5.3
- Documentum Content Server 6.0
- Documentum Content Server 6.5



Note: Documentum Content Server 5.2.5 and earlier is not supported.

Setting up the CAS Server for Documentum Content Server

To crawl a Documentum Content Server repository (docbases), perform additional configuration steps for the CAS Server.

In order to crawl a Content Server repository, the CAS Server needs to have access to the Documentum shared libraries.



Note: The following procedure uses the Documentum Foundation Classes 6.x. These classes are compatible with Documentum 5.3 and later.

To set up a CAS Server for Documentum:

1. Install and configure the Documentum Foundation Classes 6.x libraries using the Documentum installer. Refer to the Documentum documentation.

2. Copy the following file from the Documentum Foundation Classes installation to the `CAS\version\lib\cas-server-plugins\entropysoft` directory (on Windows) or `CAS/version/lib/cas-server-plugins/entropysoft` directory (on UNIX):
 - `dfc.jar` including any JAR files that `dfc.jar` depends upon. (You can identify dependencies by opening the manifest file for `dfc.jar` and copying the files listed in the manifest.)



Note: By default, these DFC files are located under `C:\Program Files\Documentum\Shared` (on Windows).

3. Copy `dfc.properties` from the Documentum Foundation Classes installation directory to `CAS\workspace\conf` (on Windows).



Note: By default, this file is located under `C:\Program Files\Documentum\config` (on Windows).

4. Restart the Endeca CAS Service.

Now the CAS Server is set up to communicate with the Documentum repository.

In order to crawl a Documentum repository, you also set data source options in the CAS Console.

Configuration properties for the Documentum Content Server connector

To configure a Documentum Content Server connector, specify the configuration properties listed below.



Note: In addition to configuring the connector-specific properties 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
Docbase Name	<code>docbase</code>	(Required). Specify the name of the Documentum repository.
Webtop URL	<code>webtopUrl</code>	(Optional). The base URL of the local Documentum StringWebtop installation. For example: <code>http://myhost:8080/webtop/.</code>
User Name	<code>username</code>	(Required). Specify a valid username that has access to the Documentum repository.
Password	<code>password</code>	(Required). Specify a password for the above username.

CAS Property Display Name	CAS Property Name	Property Description
Domain	domain	(Optional). Specify the domain of the user name.



Note: Properties are case sensitive.

Permission mapping

The following table shows the mapping between Documentum permissions and the resulting Endeca record properties are produced.

Documentum permission	Endeca record properties
Browse	Endeca.CMS.AllowReadProperties
Read	Endeca.CMS.AllowReadContent Endeca.CMS.AllowReadProperties
Relate	Endeca.CMS.AllowReadContent Endeca.CMS.AllowReadProperties
Version	Endeca.CMS.AllowReadContent Endeca.CMS.AllowReadProperties
Write	Endeca.CMS.AllowReadContent Endeca.CMS.AllowReadProperties
Delete	Endeca.CMS.AllowReadContent Endeca.CMS.AllowReadProperties



Chapter 2

Limitations of the Documentum Content Server Connector

This section describes limitations of the Documentum Content Server connector.

Limitations

Renditions

Renditions are currently not supported. Only the original content can be retrieved or updated by the connector. The "renditions" document property contains the list of available rendition formats for a given document.

