Endeca Content Acquisition System

Open Text Livelink Connector Guide

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Contents

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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 Open Text Livelink 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 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

Configuration steps for Open Text Livelink

Set up the CAS Server for Open Text Livelink, and set Livelink-specific options in the CAS Console for Oracle Endeca Workbench. See the "Endeca CAS API Guide" for details on crawling an Open Text Livelink repository through the CAS API.

Open Text Livelink versions supported by this connector

The Open Text Livelink connector supports Open Text Livelink version 9.2 SP1 and later.

Setting up the CAS Server for Open Text Livelink

To crawl an Open Text Livelink repository, configure the CAS Server for the Open Text Livelink connector.

To set up a CAS Server for Open Text Livelink:

1. Copy the `lapi.jar` file from the Livelink server installation to `<install path>\CAS\version\lib\cas-server-plugins\entropysoft` (on Windows) and `<install path>/CAS/version/lib/cas-server-plugins/entropysoft` (on UNIX).
2. If you are using HTTPS tunneling, copy `llssl.jar` from the Livelink ECM Secure Connect module to `<install path>\CAS\version\lib\cas-server-plugins\entropysoft` (on Windows) and `<install path>/CAS/version/lib/cas-server-plugins/entropysoft` (on UNIX).
3. Restart the Endeca CAS Service.

Now the CAS Server is set up to communicate with the Open Text Livelink repository.

To crawl an Open Text Livelink repository, you also configure options specific to Livelink in the CAS Console.

Configuration properties for the Open Text Livelink connector

To configure an Open Text Livelink 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
Server Name	`host`	(Required). Enter the DNS name of the Livelink server (the host).
Domain	`domain`	(Optional). Enter the domain of the repository.
Liveline CGI Path	`LivelinkCGI`	(Optional). When using http/https tunneling, this is the server-relative path of the Livelink CGI. For example: /Livelink/livelink.exe.
Use HTTPS	`HTTPS`	(Optional). When using http tunneling, this parameter specifies whether to use an unsecure (http) or secure (https) connection channel. In order to use https connections, the Livelink ECM Secure Connect module must be installed and this value must be set to `true`. The default is `false`.
HTTP User Name	`HTTPUserName`	(Optional). The user name to use to authenticate against the tunneling web server. The default is to use the current user name. This parameter is ignored if the web server doesn't require authentication.
HTTP Password	`HTTPPassword`	(Optional). The password to use to authenticate against the tunneling web server. The default is to use the current user password. This parameter is ignored if the web server doesn't require authentication.
Search Broker	`searchBroker`	(Optional). Enter the name of the search broker to use. If no value is entered, the default value of `Enterprise` is used.
Search Broker (All Versions)	`searchBrokerAllVersions`	(Optional). Enter the name of the search broker to use if search across versions. If no value is entered, the default

CAS Property Display Name	CAS Property Name	Property Description
		value of `Enterprise [All versions]` is used.
Display URL	`displayURI`	(Optional). Specify the full URL to the Livelink CGI. For example, `http://<host-name>[:port][/<context>]/livelink.exe`. This URL is used to build a URL to items. If none is specified then the URL property of items will not be populated.
Port Number	`port`	(Optional). Enter the network port of the Livelink server. If no value is entered, the default value of `2099` is used.

 **Note:** Properties are case sensitive.

Additional configuration notes for Open Text Livelink

The Open Text Livelink connector supports additional features.

- The Livelink CMS offers two document storage configurations: one is to store documents in the database as BLOBs, and the other is to store them in the file system and to only store the paths in the database. Both document-storing configurations are transparent to the users of the system, and are supported by default by the CMS Connector for Livelink.
- The CAS Server can crawl all Livelink object types including custom object types.

Permission mapping

The following table shows the mapping between Open Text Livelink permissions and the resulting Endeca record properties that are produced.

Livelink permission	Endeca record properties
See	`Endeca.CMS.AllowReadProperties`
See Contents	`Endeca.CMS.AllowReadContent`