

Endeca® Content Acquisition System

Open Text Livelink Connector Guide

Version 3.0.1 • December 2011



Contents

Preface.....7
About this guide.....7
Who should use this guide.....7
Conventions used in this guide.....7
Contacting Endeca Customer Support.....8

Chapter 1: Configuration steps for Open Text Livelink.....9
Open Text Livelink versions supported by this connector.....9
Setting up the CAS Server for Open Text Livelink.....9
Configuration properties for the Open Text Livelink connector.....9
Additional configuration notes for Open Text Livelink.....11
Permission mapping.....11



Copyright and disclaimer

Product specifications are subject to change without notice and do not represent a commitment on the part of Endeca Technologies, Inc. The software described in this document is furnished under a license agreement. The software may not be reverse engineered, decompiled, or otherwise manipulated for purposes of obtaining the source code. The software may be used or copied only in accordance with the terms of the license agreement. It is against the law to copy the software on any medium except as specifically allowed in the license agreement.

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the express written permission of Endeca Technologies, Inc.

Copyright © 2003-2011 Endeca Technologies, Inc. All rights reserved. Printed in USA.

Portions of this document and the software are subject to third-party rights, including:

Outside In® Search Export Copyright © 2011 Oracle. All rights reserved.

Rosette® Linguistics Platform Copyright © 2000-2011 Basis Technology Corp. All rights reserved.

Teragram Language Identification Software Copyright © 1997-2005 Teragram Corporation. All rights reserved.

Trademarks

Endeca, the Endeca logo, Guided Navigation, MDEX Engine, Find/Analyze/Understand, Guided Summarization, Every Day Discovery, Find Analyze and Understand Information in Ways Never Before Possible, Endeca Latitude, Endeca InFront, Endeca Profind, Endeca Navigation Engine, Don't Stop at Search, and other Endeca product names referenced herein are registered trademarks or trademarks of Endeca Technologies, Inc. in the United States and other jurisdictions. All other product names, company names, marks, logos, and symbols are trademarks of their respective owners.

The software may be covered by one or more of the following patents: US Patent 7035864, US Patent 7062483, US Patent 7325201, US Patent 7428528, US Patent 7567957, US Patent 7617184, US Patent 7856454, US Patent 7912823, US Patent 8005643, US Patent 8019752, US Patent 8024327, US Patent 8051073, US Patent 8051084, Australian Standard Patent 2001268095, Republic of Korea Patent 0797232, Chinese Patent for Invention CN10461159C, Hong Kong Patent HK1072114, European Patent EP1459206, European Patent EP1502205B1, and other patents pending.

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 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 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

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 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	LivelineCGI	(Optional). When using http/https tunneling, this is the server-relative path of the Livelink CGI. For example: /Liveline/liveline.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 <code>true</code> . The default is <code>false</code> .
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 <code>Enterprise</code> 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, <code>http://<host-name>[:port][/<context>]/livelink.exe</code> . 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

