



Open Text Livelink ECM Connector for MetaCarta GTS

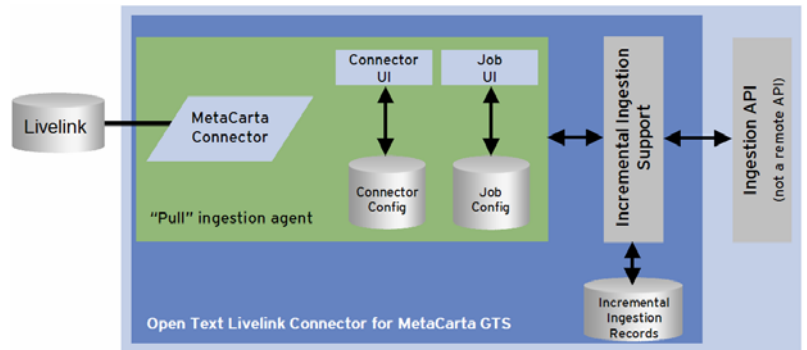
Use Geographic Text Search to Find Information Stored in Livelink ECM

The **Open Text Livelink ECM Connector for MetaCarta GTS** enables administrators to establish and configure connections between MetaCarta GTS and geOdrive and Livelink ECM repositories through an out-of-the-box solution.

The Connector provides a convenient way for an organization's content administrator to configure connections to Livelink ECM repositories by defining jobs to maintain synchronization between the repositories and the MetaCarta GTS index. This creates a searchable index using geography and keywords found in the documents. Once the files are processed they are available for search to end-users in Web browsers, ESRI, Google Earth, etc.

MetaCarta Connector Framework Architecture

The Livelink ECM Connector utilizes the MetaCarta GTS Connector Framework. The Framework provides a common set of capabilities generally required to synchronize GTS with content repositories.



Livelink ECM Connector: Architecture

Livelink ECM Connector

The MetaCarta Livelink ECM connector is designed specifically for the Livelink ECM document management system as the document source.

- Secure documents according to Livelink ECM Management System access control settings

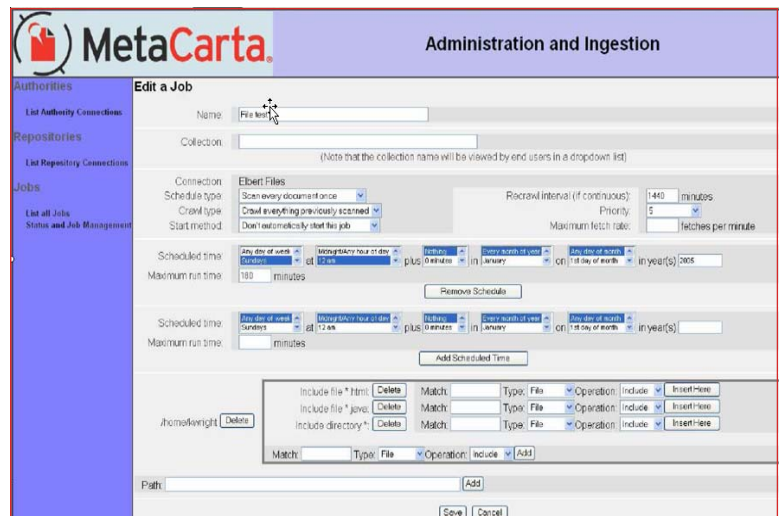
Agent Manager

Define Livelink ECM connections between repositories and the GTS appliance.

- Schedule and manage document processing jobs for initial and incremental updates

Authority Connections

A Livelink ECM Authority Connection is used to retrieve end-user document security information to ensure that GTS result sets contain only those documents which the end-user is privileged to view. Each authority connection defines how to connect to a single repository. Authority connections also enable mapping an Active Directory user name to a user name that is in a form that Livelink ECM can recognize.



Livelink ECM Connector: Administration and Processing Interface

Technical Specifications

System Requirements:

- MetaCarta GTS, geOdrive, or Analyst version 3.5
- Livelink ECM version 9.2.0

User Interface: Web browser (Microsoft® Internet Explorer, Mozilla Firefox®). Other map integrations include ESRI ArcGIS®, ObjectFX SpatialFX®, Google Earth®)

Supported Document Types: The Livelink ECM Connector supports all documents compatible with MetaCarta GTS or geOdrive. The formats currently supported include:

- ASCII Text Files with or without extensions (.txt, etc...)
- HTML Documents (.htm, .html)
- Adobe Acrobat files (.pdf)
- Adobe PostScript files (.ps)
- Microsoft Word documents (.doc)
- Microsoft Excel spreadsheets (.xls)
- Microsoft PowerPoint presentations (.ppt)
- Rich Text Format documents (.rtf)

Connector Framework

The Framework has a Java-based plug-in model for connectors and includes the ability to provide corresponding Java-based authority plug-ins, which look up user authorization information at search time. The Framework also provides a web-based user interface that allows plug-ins to be configured, and ingestion jobs to be declared and executed.

- Unified architecture for multiple connectors
- Integrated Web UI for connection and job setup/management
- API for rapid connector development
- Report on job execution statistics

Automatic Document Change Detection

Incremental updates are driven by the connector, which detects changes that occurred to the repositories between job runs. The Connector Framework specifically detects and properly handles document or folder additions, document or folder deletions, and document modifications. In the case of additions, new documents are ingested into the index. In the case of deletions, deleted documents are removed from the index. In the case of modifications, the newer version of the document is ingested into the index.

The GTS Livelink ECM Connector will index the most recent version of any given document in the repository.

Document Ingestion

The Livelink ECM Connector and the Connector Framework manage synchronization with Livelink ECM repositories through jobs. Jobs can be scheduled to run regularly, on-demand, or continuously. Each job connects to a single repository using a single repository connection.

Administrators can define, edit, and delete ingestion jobs. Ingestion jobs are specific descriptions of jobs to be ingested, plus times and methods for performing the ingestions. Typically, jobs are meant to run multiple times to capture document updates and deletions.

Document Access Control

For Livelink-based documents to be returned from a search, the Connector must be used in conjunction with some form of authentication. Both Active Directory authentication and Basic HTTP Authentication are supported.

Logging

Logging is provided for all ingestions and deletions. Error logging is also provided and is enabled by default. Logging can be independently enabled for the following kinds of Connector Framework activity:

- Ingestion
- Connector activity
- Authority connector activity
- Job activity
- Thread and database activity

© MetaCarta, Inc. All rights reserved.

MetaCarta's name, logo, and other marks used in connection with its products and services are registered or unregistered trademarks of MetaCarta and are protected by U.S. and international trademark laws. You may not use any of MetaCarta's trademarks without the express written consent of MetaCarta. The names of all other products and services mentioned may be trademarks or service marks of their respective owners and are hereby acknowledged.

Part number MC_OTLL-A2006AB-01

MetaCarta GTS Interface

The screenshot displays the MetaCarta GTS web interface. At the top, there is a 'Location Finder' section with input fields for 'City or Region' (e.g., Cairo) and 'State or Country' (e.g., Egypt), along with 'Find Place' and 'Clear' buttons. Below this is a 'Place Results and Quickview Maps' section showing a dropdown menu with 'District of Columbia United States (38°55'1"N, 77°0'0"W)' selected. The main area is a map of Washington, D.C., with a red polygon highlighting a search area. A yellow box on the map contains the text 'Viewing District of Columbia United States'. To the right of the map is a 'Zoom Out' slider with a scale from 'World Scale' to '1,000'. Below the map, there are controls for 'Page Size' (Medium), 'Map Center' (Latitude: 38°53'41"N, Longitude: 77°0'56"W), and 'Scale' (1:331,768). The 'Document Query' section is at the bottom, with a 'Keywords to search in Document Collection' field containing 'crime'. It includes 'Search', 'Clear Query', and 'Use Region' buttons. Below the query section, there is a 'Search results' section showing '10 locations from approximately 458 results in 284 documents, page 1'. A search result is displayed: '0.49 0.86 A Fake Rose in a Glass Tube Gives Root to Illegal Activity [Exxon station in Southeast Washington, behind (38°52'50"N, 76°59'24"W)] [Wednesday, April 5, 2006 (04/05/2006 | 00:00:00 Zulu)] ... highest crime rate have illuminated the shooting suspect's face because a surveillance camera mounted on the school is focused on where the crime took place. The camera, however, was ineffective because only a few dim streetlights lined the block. Abandoned buildings are on one ... http://www.washingtonpost.html?nav=ess_business_localbusiness - map this document'.



Email: info@metacarta.com
Phone: 617-661-6382
www.metacarta.com
MetaCarta Corporate