DigitalEdge™

Release Notes

Version 1.2.1

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leidos

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Contents

What's New In This Release

DigitalEdge Version 1.2.1 includes the following enhancements and improvements.

New Features
System Builder
A beta Directory Crawler Transport is now available. Similar to the Directory Watcher Transport, it processes data in a local or remote file system. But it includes additional capabilities to decompress zipped files, process files that match wild card patterns, and crawl sub-folders recursively.
DigitalEdge now includes a beta Elasticsearch data sink. This data sink stores and indexes your data, and implements the open source Elasticsearch real-time full text search engine. The data sink is auto-scaling and auto-connects to all other DigitalEdge nodes (such as the ingest and storage nodes), providing true distributed processing.

Resolved Issues

DigitalEdge Version 1.2.1 resolves the following issues.

Issue #	Issue That Has Been Fixed
D-02421	The **Update System** function in Management Console updates and restarts a system properly when it includes a new data model.
D-02439	In the **Data Transfer Utility**, keystores are now selectable after initially configuring a session without a keystore.
D-02443	A connection problem between the router queue and the JMS external nodes was causing messages to get stuck in the queue without getting processed. This was particularly apparent when using the Directory Watcher Transport. The issue has been corrected so that messages in the queue are processed in a timely manner.
D-02447	During a system recovery, when the Master node was restarted, it failed to perform its certification processes. The times on the instance and the Eucalyptus cloud were out of sync by several seconds; the instance was ahead of the cloud time, causing the error. NTP is now enabled on process group instances to sync to the cloud.
D-02451	ScheduleAPI is up and functioning.
D-02456	When starting up multiple large systems simultaneously, binding the namenode is synchronized with the datanode so that all systems start up properly.
D-02457	In the Management Console, when restarting multiple large systems simultaneously, the data sink now adds an additional check for the health of the repository before starting up and retrieving a data model.
D-02459	When using the DigitalEdge SDK, the message "Specified archetype not found" appears because of a missing version argument on the command: mvn archetype:generate -DarchetypeCatalog=local -DarchetypeGroupId=com.deleidos \ -DarchetypeArtifactId=parser-example-archetype Add the following argument to the command: -DarchetypeVersion=<version>
D-02463	A beta Directory Crawler Transport is available and works with the Unstructured Parser.

Known Issues

The following issues exist in DigitalEdge Version 1.2.1. Where a workaround exists, it is listed below. For other issues, please contact your Leidos Support Engineer.

Issue/Description	Explanation and Workaround
D-01855	Solr 1.4.1 does not support HTTPS. DigitalEdge will be upgraded to Solr 4.0+ in a future release. Workaround: Search is using port 80 in this release.
D-01910	When editing a user name, you must also change the password.
D-02387	When ingesting a large amount of data (over 300 million documents requiring 300 GB) into a MongoDB data sink that is also experiencing a high query load (querying that does not take advantage of indexes), MongoDB is terminated by the Ubuntu Out-of-Memory (OOM) Killer when the system runs out of RAM. As a workaround, restart MongoDB manually. Try ingesting the data when query activity is low. Or, contact Leidos for assistance.
D-02458	When configuring a Large, XLarge, or XXLarge system in System Builder, if you checked the Auto-Scale option in System Builder, you should edit the Detail parameters so that the Min and Max values of the data sink and the ingest.all instances match the for the JMS internal and external instances.