NiFi Ingest

Software Version 12.5.0

Release Notes

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Documentation updates

The title page of this document contains the following identifying information:
- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for updated documentation, visit https://www.microfocus.com/support-and-services/documentation/.

Support

Visit the MySupport portal to access contact information and details about the products, services, and support that Micro Focus offers.

This portal also provides customer self-solve capabilities. It gives you a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the MySupport portal to:

- Search for knowledge documents of interest
- Access product documentation
- View software vulnerability alerts
- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts
- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the Access Levels descriptions.

Contents

New in this Release

The following new features were released in NiFi Ingest version 12.5.0.

- NiFi Ingest Connectors have new features to help you ingest data through a NiFi cluster. (To run ingestion and enrichment tasks on a cluster, the files retrieved by a connector must be available to every node).

  - Connectors can store downloaded files in a shared directory. To specify the directory, set the new advanced property `adv:IngestSharedPath`.

  - Connectors can include binary file content in FlowFiles, rather than including only file paths. To include binary content in FlowFiles, set the new advanced property `adv:FlowFileEmbedFiles`.

- The ExecuteDocumentLua processor has an advanced configuration interface. This includes a code editor so that you can write and debug Lua scripts. The interface includes sample code snippets that demonstrate how to complete common tasks.

- IDOL NiFi Ingest includes new processors that expose the functionality of the KeyView Export SDK. Given an IDOL document FlowFile with an associated file, these processors can create an HTML or XML representation of the file. For example, the KeyViewExportToHtml processor generates an HTML preview of a file that can be viewed in a web browser. These processors are currently available only on Windows.

- IDOL NiFi Ingest includes a new processor, named NISTRDSFilter. This compares the checksums of files against NIST RDS hash sets, to filter out any files that originate from operating systems or common application software.

- IDOL NiFi Ingest includes a SystemProxyConfigurationService controller service, which you can use as an alternative to a ProxyConfigurationService. The SystemProxyConfigurationService obtains details about your HTTP proxy from the system. On Windows, it reads the proxy settings configured through Internet Explorer or the Windows Control Panel. On Linux, it reads the proxy settings from environment variables such as `HTTP_PROXY` and `HTTPS_PROXY`.

- The IDOL NiFi Ingest framework includes KeyView, so in new installations you no longer need to install the KeyView filters or set the `KEYVIEW_DIRECTORY` environment variable.

- The IDOL NiFi Ingest framework includes the embedded browser (WKOOP), so you no longer need to install Web Connector to use the ContentFromHTML processor.

- IDOL NiFi Ingest supports new components for enriching IDOL documents. These components are not included in the NiFi Ingest framework but can be downloaded separately.

  - The IDOL Content package includes a new ContentService controller service, and an EmbeddedContent processor, which you can use to perform enrichment against an embedded IDOL Content component index (for example, an Agentstore configured for categorization or entity extraction).

- The IDOL Media Server package includes a controller service and processors to perform media analysis operations, including face detection, optical character recognition, object recognition, and speech-to-text.

Resolved Issues

The following issues were resolved in NiFi Ingest version 12.5.0.

- Templates supplied with NiFi Ingest could reference incorrect versions of the IDOL components.

Notes

This section contains information that is important if you are upgrading from an earlier version of NiFi Ingest.

- IDOL NiFi Ingest now requires Apache NiFi version 1.7.x or later.

Documentation

The following documentation was updated for NiFi Ingest version 12.5.0.

- *NiFi Ingest Online Help*