IDOL
NiFi Ingest

Software Version 12.8.0

Release Notes

Legal notices

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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 12.8.0.

- The StandardizeMetadata processor has been improved:

  - Fields and attributes can be designated as required, optional, or prohibited. You can specify whether required and optional fields can appear more than once, and you can require that fields and attributes have certain values. Any document that does not meet the requirements is routed to the failure relationship.

  - In the standardization dictionary you can use variables containing the document reference, `$(reference)`, or FlowFile attribute values, `$(flowfile_attribute_name)`.

  - Additional examples have been added to the advanced configuration page.

- The ExecuteDocumentLua processor provides an option that allows you to read from, and write to, FlowFiles that are not in IDOL document format. To do this, set the property "Lua script function arguments" to "LuaFlowFile, LuaProcessorSession".

- The FaceDetection, OpticalCharacterRecognition, ObjectRecognition, and PIIImage processors expose additional configuration options so that you can customize analysis.

- The SpeechToText processor supports custom language models and custom word databases.

- The OpticalCharacterRecognition processor (and the PIIImage processor, which performs OCR) creates multiple `ocrtext` fields in the document metadata, one for each paragraph or block of text, and multiple `ocrtable` fields, one for each table. These fields are in reading order.

- The OpticalCharacterRecognition processor (and the PIIImage processor, which performs OCR) outputs information about tables that were found in images, so that the document metadata provides information about the table structure and allows you to reconstruct the table.

Resolved Issues

The following issues were resolved in NiFi Ingest version 12.8.0.

- Configuration settings, resource files, or data could be lost when IDOL NiFi Ingest components were updated using the **Change version** feature in the NiFi user interface. Micro Focus recommends that you only use this feature to upgrade IDOL NiFi Ingest components from version 12.8 and later. To upgrade components from an earlier version, stop NiFi and replace the `.nar` files for your current components with corresponding `.nar` files from IDOL 12.8, and then restart NiFi. For more information about upgrading IDOL NiFi Ingest components, refer to the NiFi Ingest documentation.

- The KeyView Filter API (used by the KeyViewFilterDocument processor) could return invalid data.

Notes

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

- The following processors now require an IDOL License Service. After you upgrade to NiFi Ingest 12.8.0 you must set the "IDOL License Service" property on these processors.
  - ContentFromHTML
  - ContentIntoSections
  - ConvertCSVToDocuments
  - ConvertIDXToDocuments
  - ConvertJSONToDocuments
  - ConvertXMLToDocuments
  - DetectContentLanguage
  - ExecuteDocumentlua
  - FilterBadContent
  - HashDocument
  - KeyViewRouteOnFileType
  - PutDigitalSafe
  - PutIDOL
  - PutMetastore
  - PutOGS
  - QueryIDOL
  - StandardizeMetadata
  - TextToDocuments
  - WriteDocument

Documentation

The following documentation was updated for NiFi Ingest version 12.8.0.

- *NiFi Ingest Online Help*