

NiFi Ingest

Software Version 12.7.0

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/>.

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- 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](#).

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New in this Release

The following new features were released in NiFi Ingest version 12.7.0.

- NiFi Ingest simplifies data migration between different types of repository. For example, you can take files from OneDrive and insert them into another type of repository such as a file system or SharePoint document library. For more information, including a list of supported repositories, refer to the *NiFi Ingest Help*.
- The `KeyViewRouteOnFileType` processor can be configured to discard FlowFiles where the associated file matches specific file types.
- The `KeyViewExtractFiles` processor has a new property "Merge mails". This is similar to the `ImportMergeMails` parameter in Connector Framework Server. It allows you to enable "Create new FlowFiles from sub-files" but not produce multiple FlowFiles for each MSG and EML file.
- The `KeyViewFilterDocument` processor can filter text from IDOL document metadata fields. For example, some data repositories return field values that contain HTML. You can use the `KeyViewFilterDocument` processor to remove the HTML markup and keep only the text.
- The `Convert*ToDocuments` processors output documents in batches to reduce memory use and allow subsequent tasks to start processing the documents sooner. These processors have a new property named "Commit Batch Size" so that you can configure the batch size.
- The `ContentFromHTML` processor is easier to set up, because it now has a guided setup wizard (available on the advanced configuration page). The "WKOOP Config" property, which accepted a configuration snippet, has been replaced by individual properties.
- The `StandardizeMetadata` processor has an advanced configuration interface that you can use to customize and test the field standardization rules.
- The `Eduction` processor includes the resource files available with IDOL Eduction (excluding those for matching personal data that are provided separately in the PCI, PHI, and PII packages). This means that for properties such as **Resource Files** or **[MyPostProcessingTask] Script** you can enter the name of a Micro Focus grammar file or Lua script, such as `address_eng.ecr` or `normalize_money.lua`. The processor will use the corresponding file from its resources directory.
- The `MediaAnalysis` processor has a guided setup wizard, available on the advanced configuration page.
- The `MediaAnalysis` processor responds more quickly to stop requests in some circumstances.
- Media analysis processors that run without an IDOL Media Server are easier to set up. The `Media Service Controller Service` (`MediaServiceImpl`) includes the FFmpeg libraries and static data that are necessary for processing rich media files. You no longer need to obtain these files from your Media Server installation, so the `OpticalCharacterRecognition` and `FaceDetection` processors work out-of-the-box. Speech-to-text language packs must still be installed separately.
- Media analysis processors that run without an IDOL Media Server, such as `OpticalCharacterRecognition` and `FaceDetection`, support a greater number of file formats.

The Media Service Controller Service can use a KeyView Export Service, which enables processing of document files such as Adobe PDF documents.

- The log messages tab, available in the advanced configuration GUI of some NiFi Ingest processors, has been improved. You can filter the log messages by log level and thread ID, and search for messages that match a regular expression.
- The PutDigitalSafe processor can insert documents into Digital Safe, through the Digital Safe REST API, in EML format.

Resolved Issues

There were no resolved issues in NiFi Ingest version 12.7.0.

Notes

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

- The "ConnectionRetries" property, in the `MediaAnalysis` processor, has been removed. FlowFiles now wait in the queue until the IDOL Media Server is available.
- The Media Service Controller Service (`MediaServiceImpl`) "Database File" property now specifies the path of a database file that was exported from Media Server using the action `ExportObjectDatabase`. It no longer accepts a complete Media Server training database. Micro Focus recommends using a PostgreSQL or MySQL database server in production environments.

Documentation

The following documentation was updated for NiFi Ingest version 12.7.0.

- *NiFi Ingest Online Help*