

# NiFi Ingest

Software Version 12.6.0

## 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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- 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 12.6.0.

- Connector actions (synchronize, collect, view, and so on) accept custom parameters. Any parameters that are not recognized are added to the FlowFile that represents the action. When a connector processes the action, it adds the parameters to any FlowFiles that it generates. Custom parameters are added to FlowFiles as FlowFile attributes. These can be referenced by processor properties that support expression language, and can be read by Lua scripts. You can therefore set custom action parameters to customize processing within NiFi.
- NiFi Ingest includes a new processor, named `BatchCallback`, that can send HTTP requests to your application when documents have been processed by your NiFi dataflow.
- The Education processor can output the number of matches found for each entity, instead of the matched text, position, and score. To use this feature set the new configuration parameter `CountOutput` to `TRUE`.
- IDOL document metadata is now stored in a FlowFile attribute named `idol.xmlmetadata`. In earlier versions of NiFi Ingest, the document metadata was stored in the content of the FlowFile, in the binary `application/x.idol.doc` format. This change can improve performance, because processors that only add or modify document metadata no longer need to read and write the FlowFile content.
- The configuration of the built-in `KeyView` filters has been updated to reduce disk I/O and improve performance.
- Various changes to NiFi Ingest processors to reduce disk I/O and improve performance.
- NAR files from the same minor release are now considered to be compatible. For example, you can install a patch release of an IDOL connector without installing a new version of the NiFi Ingest framework.
- The advanced configuration interface for the `KeyViewRouteOnFileType` processor has been improved. You can now filter the list of file formats by typing a search string.

## Resolved Issues

The following issues were resolved in NiFi Ingest version 12.6.0.

- NiFi Ingest connectors could validate their connection to the data repository excessively often. To resolve this issue, update your NiFi Ingest framework and your connector processors.

## Notes

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

- NiFi Ingest produces FlowFiles in a new format (version 2). NiFi processors from IDOL versions 12.4 and earlier cannot read the new format. A new processor, `ConvertDocumentToV1`, is available to convert FlowFiles into the older format and can be inserted into your data flow before older processors.
- Part elements that are added to the document metadata, for file parts of a FlowFile, now use numeric part IDs.
  - Before: `<part uuid="***">...</part>`
  - After: `<part id="N">...</part>`

The new `id` attributes are automatically updated when the FlowFile content changes, and are removed if the file part is removed from the FlowFile. The FlowFile attribute `idol.doc.part.N.uuid`, that mapped an ID to a UUID, is no longer necessary and has been removed.

- IDOL NiFi Ingest now requires Apache NiFi version 1.7.x to 1.11.x.

# Documentation

The following documentation was updated for NiFi Ingest version 12.6.0.

- *NiFi Ingest Online Help*