IDOL
NiFi Ingest

Software Version 12.9.0

Release Notes

Micro Focus®

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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.

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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.

Contents

New in this Release

The following new features were released in NiFi Ingest version 12.9.0.

- The `KeyViewRouteOnFileType` processor is easier to configure when you want to separate rich media files from other file formats. There is a new property named "Routing Scheme". When you set this to "Media", any document that belongs to KeyView class 4 (raster image), 9 (sound), or 20 (movie), is routed to the "media" relationship. In this mode you cannot set "Discard File Types" or define custom relationships.

- NiFi Ingest has a new processor, named `PutAwsFirehose`, that you can use to send IDOL documents to an Amazon Kinesis Data Firehose. This is a cloud service that can optionally transform the data before delivering it to one or more destinations, such as an Amazon S3 bucket.

- NiFi Ingest has a new processor, named `RenderHTML`. This processor renders HTML into an image. You can render HTML produced by KeyView HTML Export, to produce an image of a document.

- The NiFi Ingest package includes a new "universal redaction" template. This dataflow accepts both image and document files, and redacts personal information (PII). The output from the dataflow is a redacted image of the original file.

  For example, if the input is a Microsoft Word document, the dataflow uses a `KeyViewExportToHtml` processor to replace the Word document with an HTML representation of the content. The HTML is then rendered and replaced by an image. Each word in the text (with its location in the rendered image) is added to the document metadata. If the input is an image, Optical Character Recognition is used to extract the text.

  For both documents and images, an Eduction processor locates any PII in the extracted text. A redacted copy of the text is added to the document metadata and a `RedactImage` processor is used to redact the rendered image.

- The `HandleAciRequest` processor has a new property, named "Authorized DN pattern". If you require connections to be made over SSL and set this property, then users who want to send actions to a NiFi Ingest connector must supply a client certificate. The `HandleAciRequest` processor only accepts the request if the subject of the client certificate matches the specified regular expression.

- The following IDOL Rich Media components are now available:

  - A new processor for running Object Class Recognition on image and video files.

  - A new processor for performing Vehicle Analysis on image and video files. This includes number plate recognition, vehicle make and model recognition, and vehicle color analysis.

  - A new processor that can redact regions of images.

- The `FaceDetection` and `ObjectRecognition` processors can handle video files (previous versions supported only images).

- The `FaceDetection` processor can run face recognition, and output the color of a person's clothing.

Resolved Issues

There were no resolved issues in NiFi Ingest version 12.9.0.

Documentation

The following documentation was updated for NiFi Ingest version 12.9.0.

- *NiFi Ingest Online Help*