FLOWx.AI

PLATFORM DEEP DIVE / Plugins / Custom Plugins / Documents plugin / Using the plugin / converting-documents-to-different-formats

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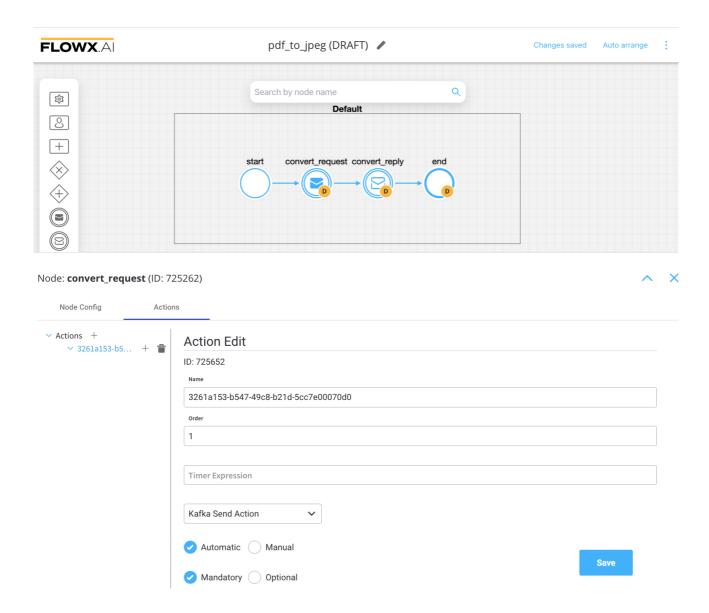
> ⚠️ **CAUTION**
>
> Currently, the supported conversion method is from **PDF** to **JPEG**.

Sending the request

To create a process that converts a document from PDF to JPEG format, follow these steps:

1. Create a process that includes a **Kafka send event** node and a **Kafka receive event** node. The **send node** is used to send the conversion request, and the **receive node** is used to receive the reply.

2. Configure the first node (**Kafka send event**) by adding a **Kafka send action**. Here is an example:

3. Specify the **Kafka topic** where you want to send the conversion request:

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4. Fill in the body of the message request:

Message

```
1    { "fileId": 4152, "to": "image/jpeg" }
```

- `fileId`: The file ID that will be converted
- `to`: The file extension to convert to (in this case, "jpeg").

> ⓘ **INFO**
>
> You can set the Kafka topic names by overwriting the following environment
> variables during deployment:
>
> - `KAFKA_TOPIC_FILE_CONVERT_IN` - default value:
>   `ai.flowx.in.qa.document.convert.v1` - the topic that listens for
>   conversion requests from the engine
> - `KAFKA_TOPIC_FILE_CONVERT_OUT` - default value:
>   `ai.flowx.updates.qa.document.convert.v1` - the topic on which
>   the engine expects the reply
>
> The examples provided above are extracted from an internal testing
> environment. When setting topics for other environments, use the pattern
> `ai.flowx.updates.{{environment}}.document.convert.v1`.

> ⚠️ **CAUTION**
>
> Make sure to use an outgoing topic name for the reply that matches the pattern configured in the
>
> The fallback content to display on prerendering
> , as it listens for messages on topics with specific names.
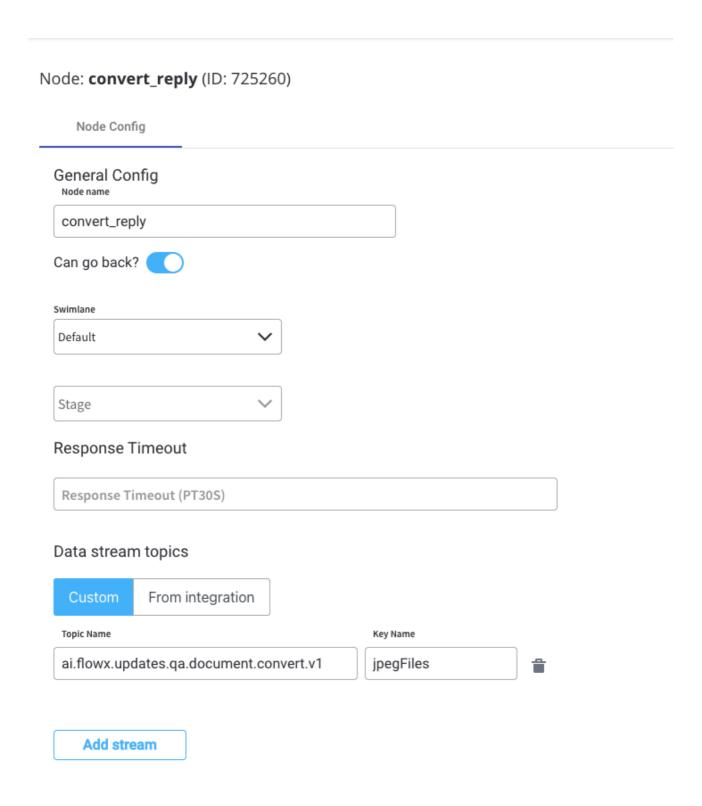
Receiving the reply

> ⓘ **INFO**
>
> You can view the response by accessing the **Audit log** menu.

The response will be sent to the outgoing Kafka topic (defined on the Kafka receive event node) and can be accessed as follows:

Node: **convert_reply** (ID: 725260)

Node Config

General Config

Node name

convert_reply

Can go back?

Swimlane

Default

Stage

Response Timeout

Response Timeout (PT30S)

Data stream topics

Custom	From integration

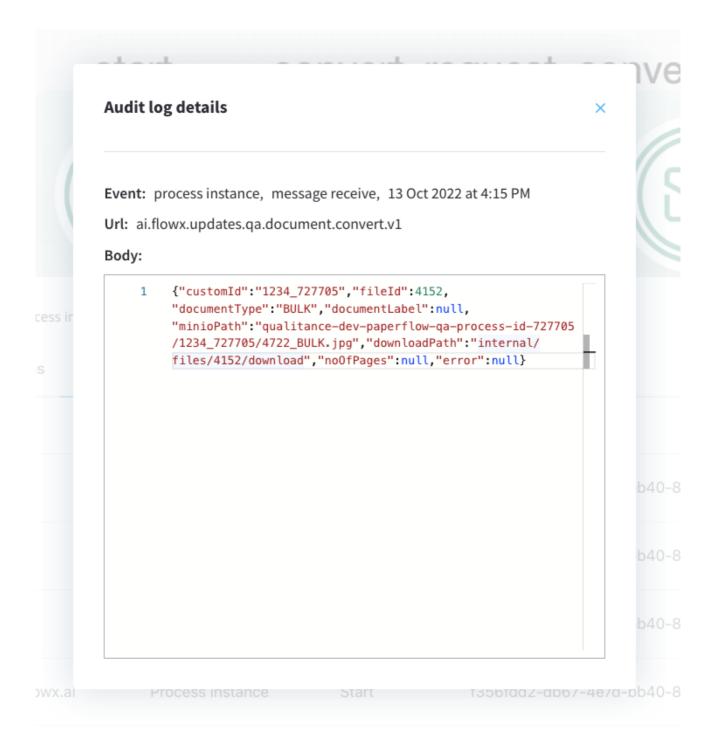| Topic Name	Key Name
ai.flowx.updates.qa.document.convert.v1	jpegFiles

Add stream

Values expected in the reply body:

- **customId**: The client ID.

- **fileId**: The file ID.

- **documentType**: The document type.

- **documentLabel**: The document label (if available).

- **minioPath**: The path where the converted file is saved. It represents the location of the file in the storage system, whether it's a MinIO path or an S3 path, depending on the specific storage solution.

- **downloadPath**: The download path for the converted file.

- **noOfPages**: The number of pages in the converted file (if available).

- **error**: Any error message in case of an error during the conversion process.

Audit log details ✕

Event: process instance, message receive, 13 Oct 2022 at 4:15 PM

Url: ai.flowx.updates.qa.document.convert.v1

Body:

```
1    {"customId":"1234_727705","fileId":4152,
     "documentType":"BULK","documentLabel":null,
     "minioPath":"qualitance-dev-paperflow-qa-process-id-727705
     /1234_727705/4722_BULK.jpg","downloadPath":"internal/
     files/4152/download","noOfPages":null,"error":null}
```

Response:

```
{
  "customId": "1234_727705",
```

```
  "fileId": 4152,
  "documentType": "BULK",
  "documentLabel": null,
  "minioPath": "qualitance-dev-paperflow-qa-process-id-
727705/1234_727705/4152_BULK.jpg",
  "downloadPath": "internal/files/4152/download",
  "noOfPages": null,
  "error": null
}
```

Please note that the actual values in the response will depend on the specific conversion request and the document being converted.

Was this page helpful?