Getting Started with Pipeline Configuration Files

Pipeline configuration files give you the ability to define pipelines that are provisioned by Conduit at startup. It's as simple as creating a YAML file that defines pipelines, connectors, processors, and their corresponding configurations.

Example pipeline

tip In ourConduit repository , you can findmore examples , but to ilustrate a simple use case we'll show a pipeline using a file as a source, and another file as a destination. Create a folder calledpipelines at the same level as your Conduit binary. Inside of that folder create a file namedfile-to-file.yml .

│

Conduit binary

├── conduit │

Folder with pipeline configurations

└── pipelines │

Pipeline configuration file

└── file-to-file.yml Copy following content intofile-to-file.yml :

pipelines/file-to-file.yml version :

2.2 pipelines : -

id : file - to - file

run pipeline on startup

status : running description :

Example pipeline reading from file "example.in" and writing into file "example.out".

connectors : -

id : example.in type : source

use the built-in file plugin as the source

plugin : builtin : file settings :

read data from example.in

path : ./example.in

-

id : example.out type : destination

use the built-in file plugin as the destination

plugin : builtin : file settings :

write data to example.out

path : ./example.out

output the raw payload as a string

sdk.record.format : template sdk.record.format.options :

'{{ printf "%s" .Payload.After }}' Now start Conduit. You should see a log line saying that the pipelinefile-to-file was created:

./conduit / .. ./ 2023 -04-01T12:34:56+00:00 INF pipeline configs provisioned component = provisioning.Service created = ["file-to-file"]

deleted

[ ]

pipelines_path

./pipelines / .. ./ Conduit is now running the pipelinefile-to-file which continuously reads lines added to file./example.in and copies them to file./example.out . Try writing a line to./example.in and checking the content of./example.out .

echo

"hello conduit"

example.in cat example.out hello conduit Edit this page Previous Kafka Connect Connectors with Conduit Next Provisioning