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NIFI DATA PIPELINE EXAMPLE: GET FILE AND PUT FILE

1. Open terminal and create source and destination directories
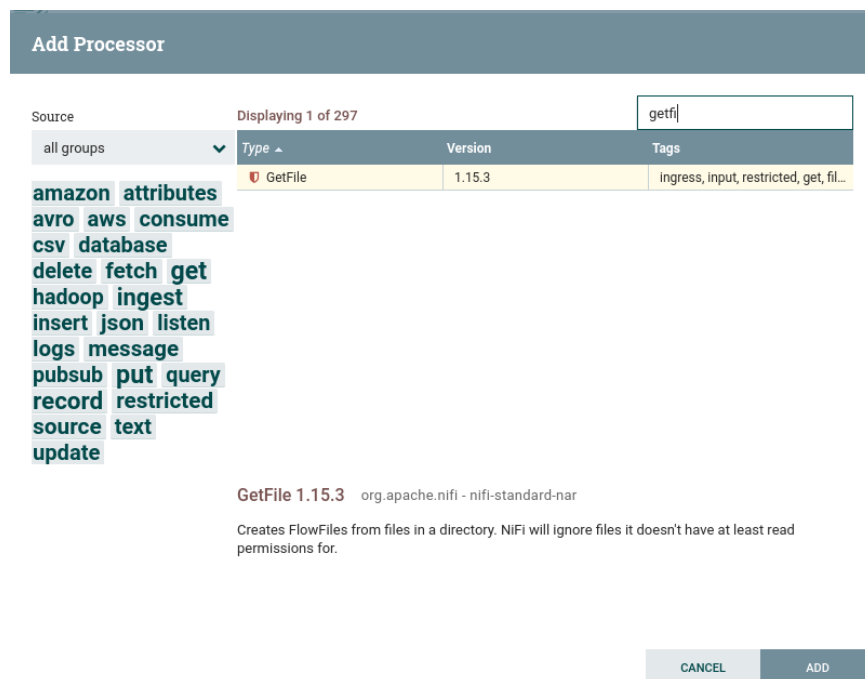
SOURCE

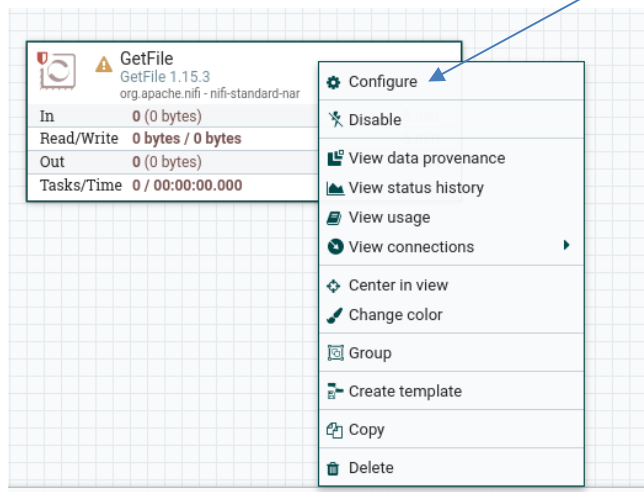**mkdir   /root/source**
chmod 777 /root/source

DESTINATION

mkdir   /root/target
chmod 777 /root/target

2. On Nifi canvas, pull the processor and add **GetFile**

Add Processor

Source	Displaying 1 of 297		getfi
all groups ⌄	Type ▲	Version	Tags
	🔰 GetFile	1.15.3	ingress, input, restricted, get, fil...

amazon attributes
avro aws consume
csv database
delete fetch get
hadoop ingest
insert json listen
logs message
pubsub put query
record restricted
source text
update

GetFile 1.15.3   org.apache.nifi - nifi-standard-nar

Creates FlowFiles from files in a directory. NiFi will ignore files it doesn't have at least read permissions for.
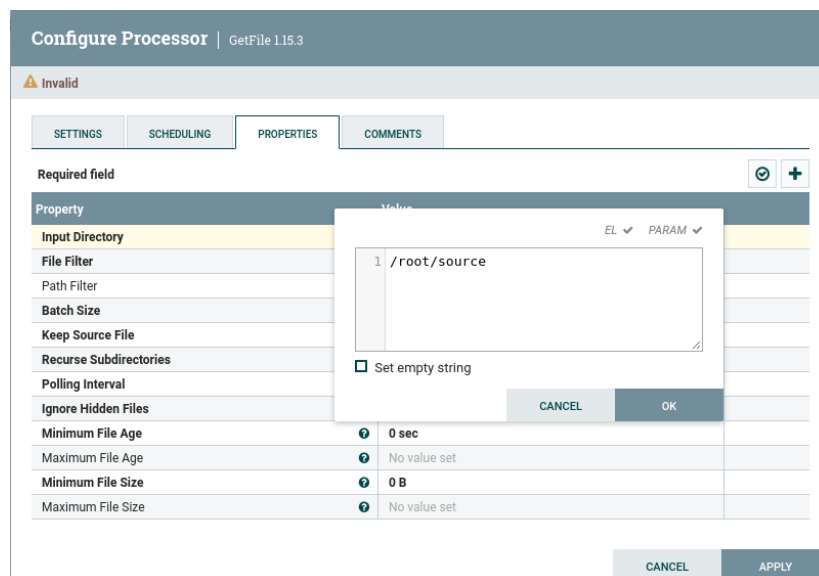
CANCEL   ADD

3. Right click on GetFile and select configure

4. Set the configuration
   1. Under Settings check the "**success**".
   2. Select Properties, and under Input Directory provide **"/root/source"**

   3. Select **Apply**.
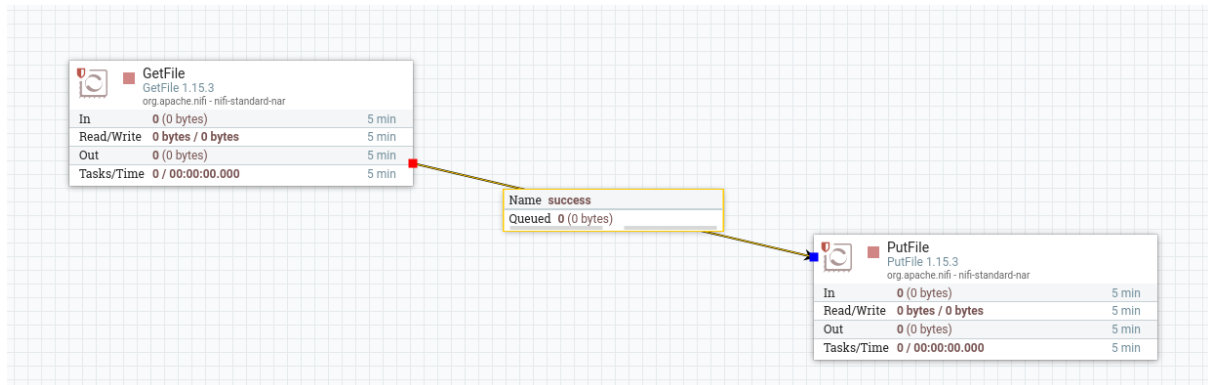
5.Now Add next processor "**PutFile**" and go to configure

Under settings check both **failure and success**.
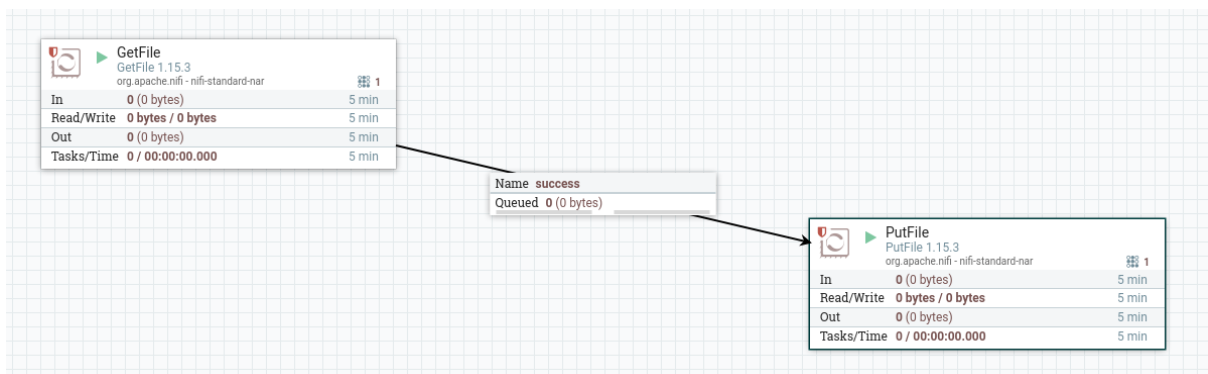
Set input directory: **/root/target**

Select **apply**.

5. Create connection by dragging arrow from middle of getFile to putFile processors.

6. Now right click on both the processors one by one and select "**start**"

7. Go to OS prompt create a file and copy the file into **/root/source**
8. Check the file under **/root/target**, and check the bytes copied from NiFi.

*** Happy Learning ***