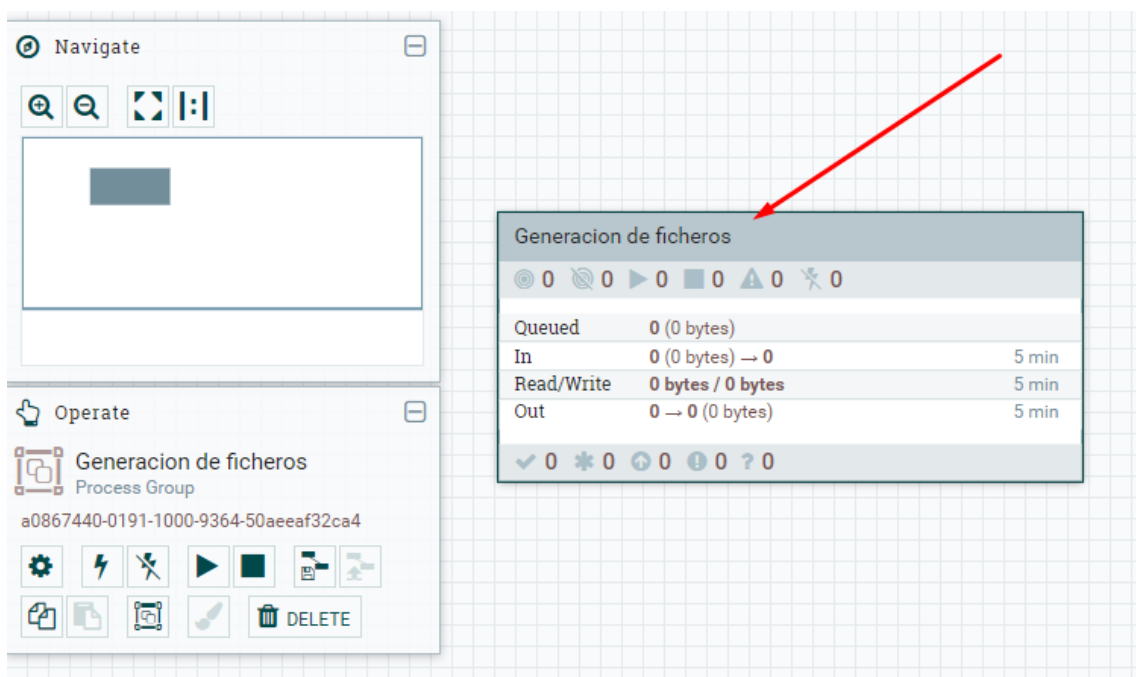
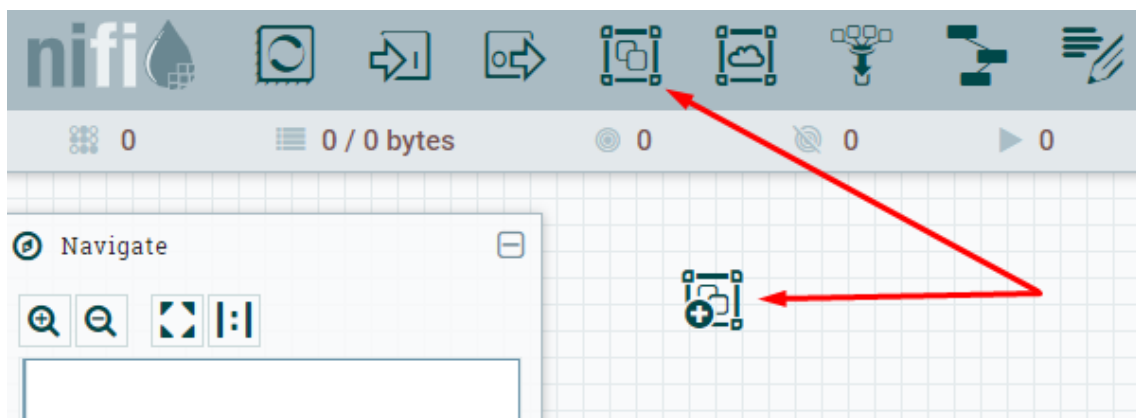


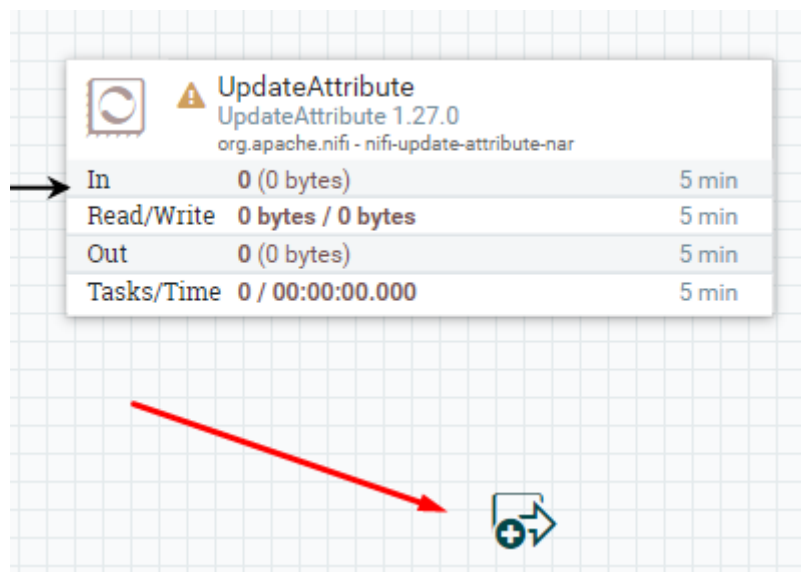
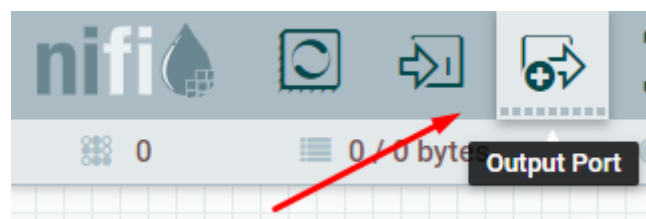
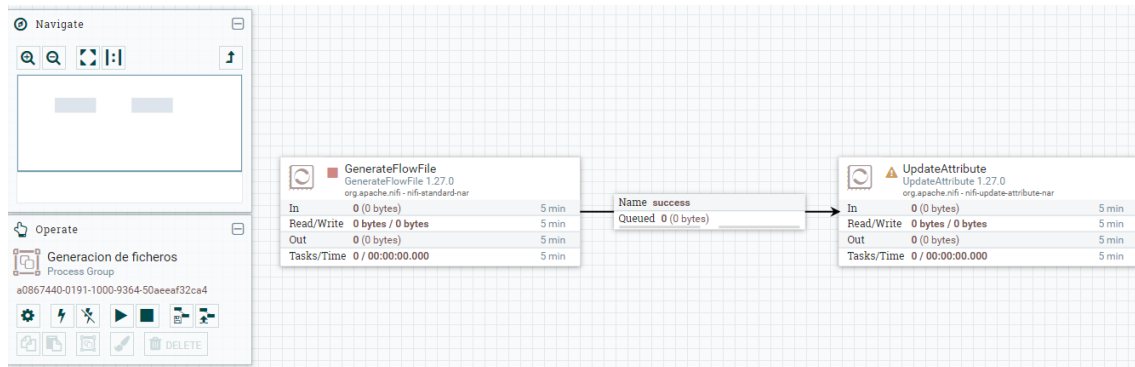
5075. Big Data aplicado - 1ª Evaluación (RA 1 – CE b)

Unidad Didáctica 1. Estrategias de ingestión y almacenamiento de datos en Big Data

Práctica 5. Practicando con grupos de procesos.

Paso 1. Creamos el primer grupo de procesos. Dentro añadiremos la generación de ficheros y el puerto de salida. Para acceder haremos doble click sobre el elemento.





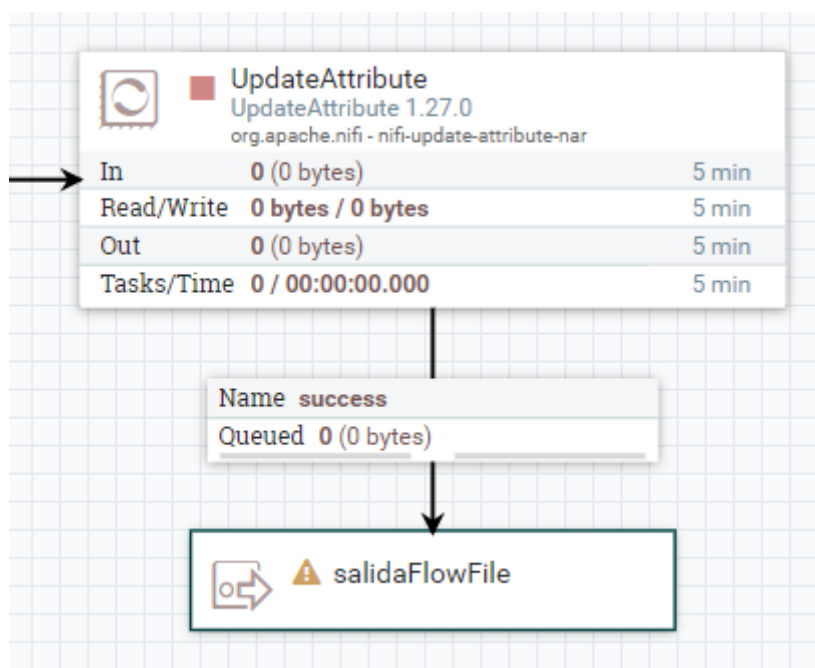
Add Output Port

Output Port Name

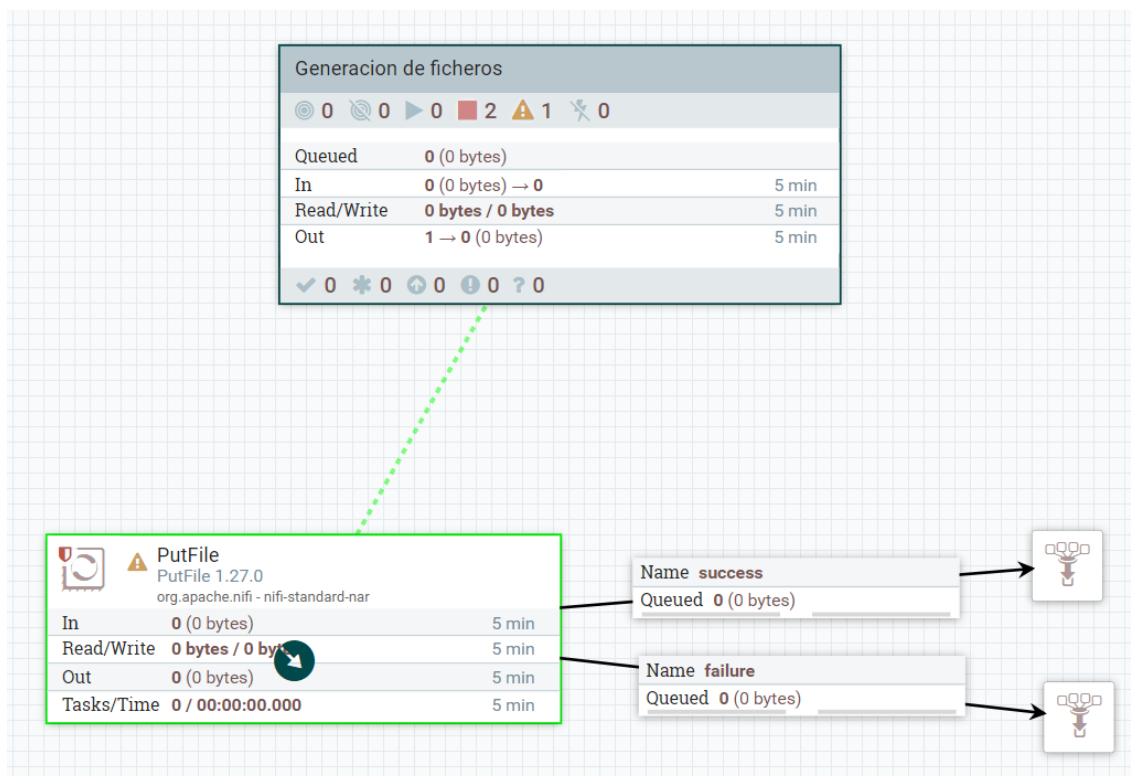
salidaFlowFile

Send To ?

Local connections



Paso 2. Salimos el grupo y enlazamos la salida con el proceso que escribe los ficheros en el disco local.




Create Connection

DETAILS

SETTINGS

From Output

salidaFlowFile 

Within Group

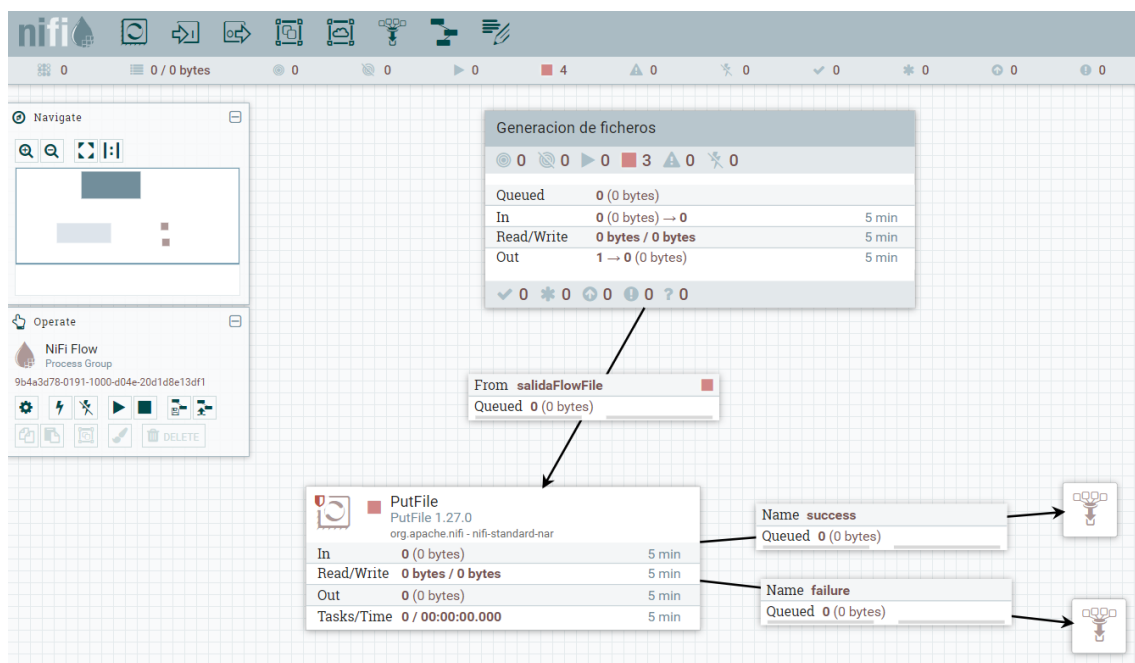
Generacion de ficheros

To Processor

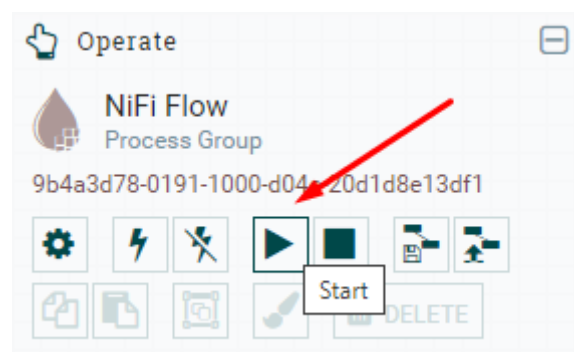
PutFile
PutFile

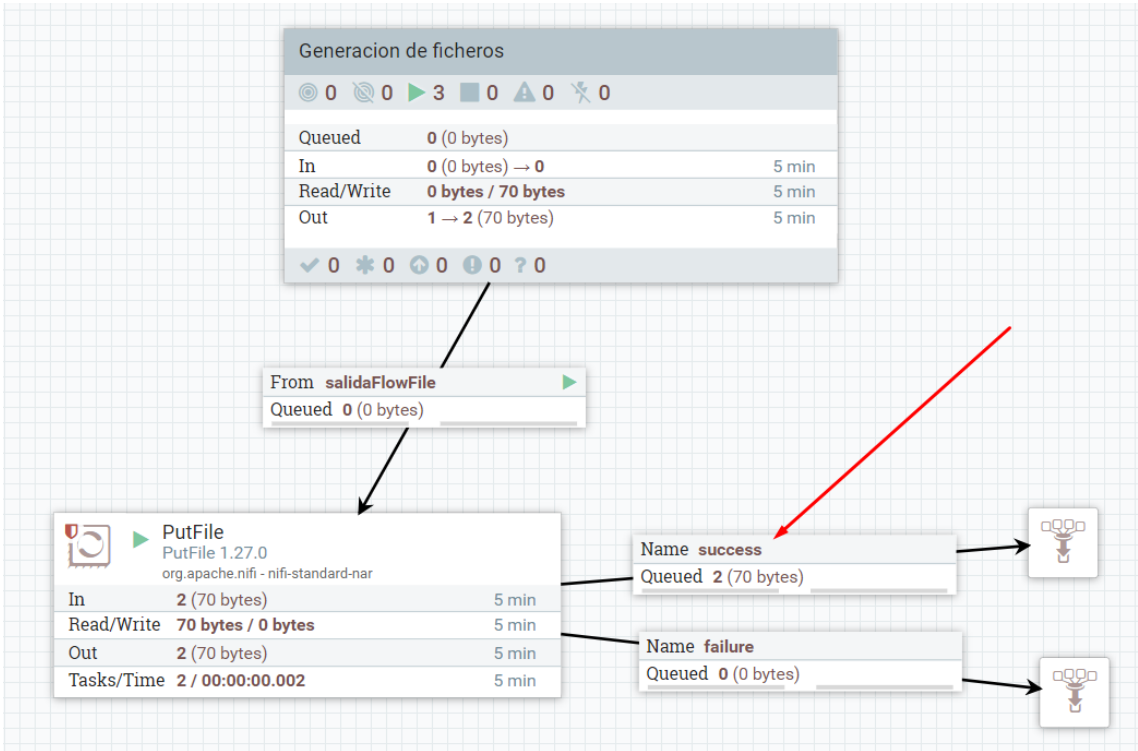
Within Group

NiFi Flow



Paso 3. Comprobamos el flujo.





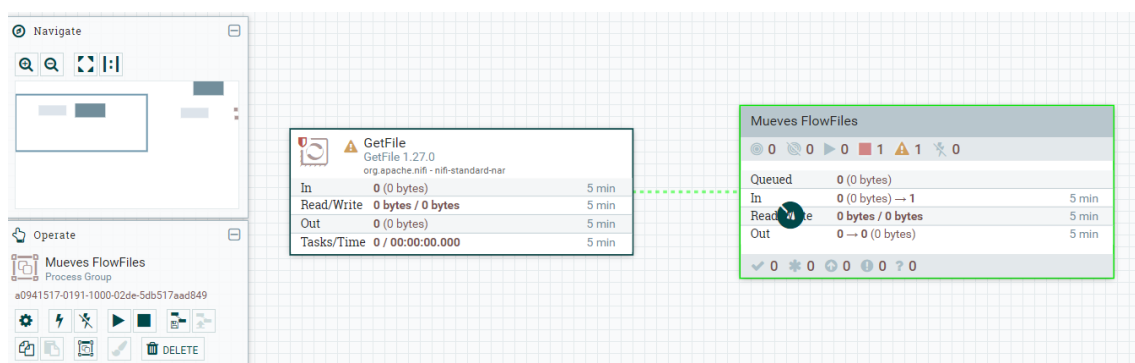
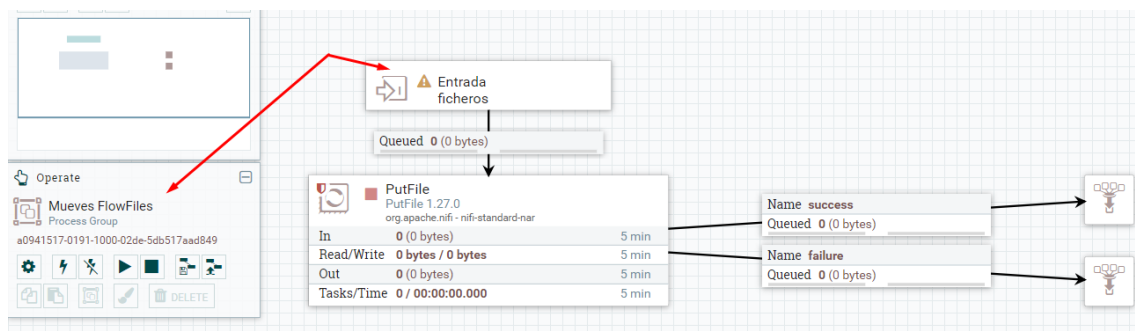
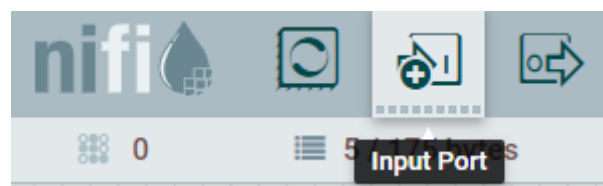
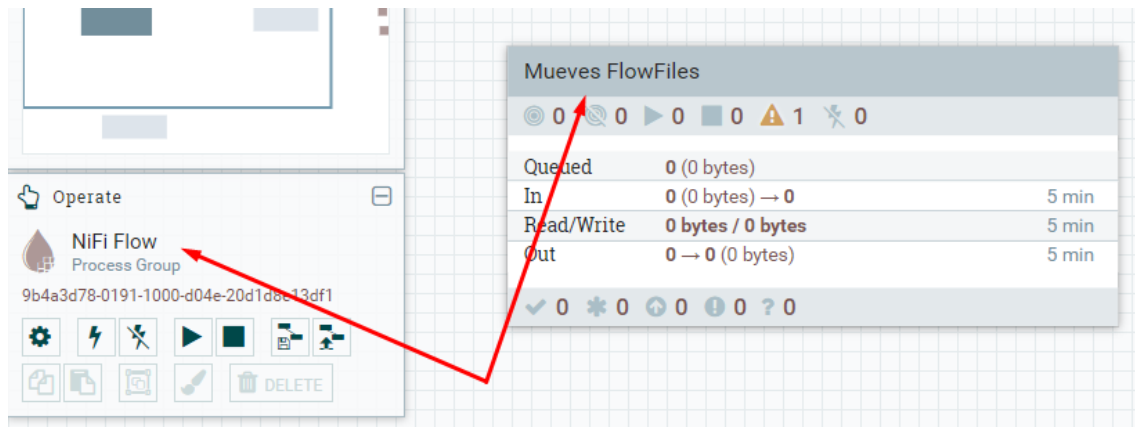
success

Displaying 3 of 3 (105.00 bytes)

	Position	UUID	Filename
i	1	8e929569-3053-4a35-84b8-4c1105b62183	ficheros_20240830015414
i	2	7fd9f833-546d-492b-b0ad-6b18e09e1f9c	ficheros_20240830015434
i	3	aa90341b-cddf-4634-a07e-c4c039194ca5	ficheros_20240830015454

```
hadoop@hadoop-virtualbox:~$ ls -lart workspace/entradaNifi/
total 28
drwxrwxr-x 4 hadoop hadoop 4096 ago 29 02:38 ..
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 01:54 ficheros_20240830015414
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 01:54 ficheros_20240830015434
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 01:54 ficheros_20240830015454
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 01:55 ficheros_20240830015514
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 01:55 ficheros_20240830015534
drwxrwxr-x 2 hadoop hadoop 4096 ago 30 01:55 .
```

Paso 4. Creamos otro flujo para mover los ficheros anteriormente creados. En este caso haremos uso de un puerto de entrada.



Create Connection

DETAILS
SETTINGS

From Processor

GetFile

GetFile

Within Group

NiFi Flow

For Relationships

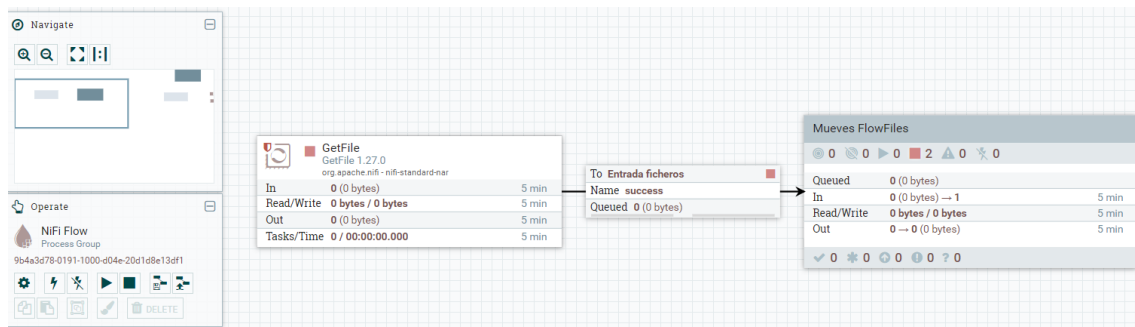
☒ success

To Input

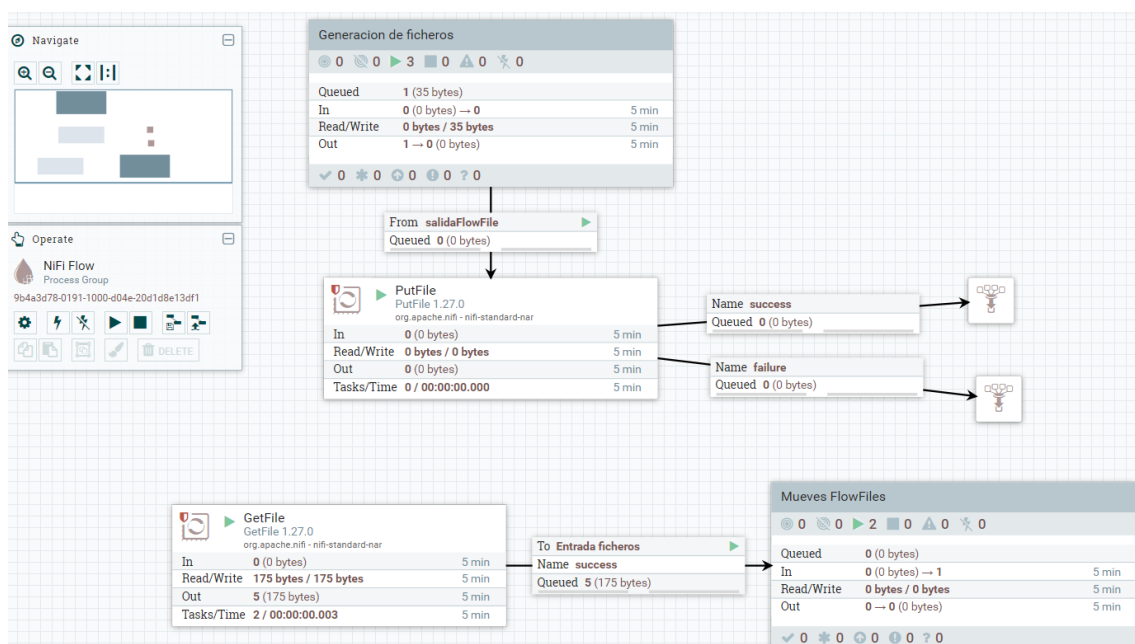
Entrada ficheros

Within Group

Mueves FlowFiles



Paso 5. Comprobamos que todo funciona correctamente.



```
hadoop@hadoop-virtualbox:~$  
hadoop@hadoop-virtualbox:~$ ls -lart workspace/entradaNifi/  
total 8  
drwxrwxr-x 4 hadoop hadoop 4096 ago 29 02:38 ..  
drwxrwxr-x 2 hadoop hadoop 4096 ago 30 02:09 .  
hadoop@hadoop-virtualbox:~$  
hadoop@hadoop-virtualbox:~$ ls -lart workspace/salidaNifi/  
total 24  
drwxrwxr-x 4 hadoop hadoop 4096 ago 29 02:38 ..  
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 02:08 ficheros_20240830020829  
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 02:08 ficheros_20240830020849  
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 02:09 ficheros_20240830020909  
-rw-rw-r-- 1 hadoop hadoop 35 ago 30 02:09 ficheros_20240830020929  
drwxrwxr-x 2 hadoop hadoop 4096 ago 30 02:09 .  
hadoop@hadoop-virtualbox:~$
```