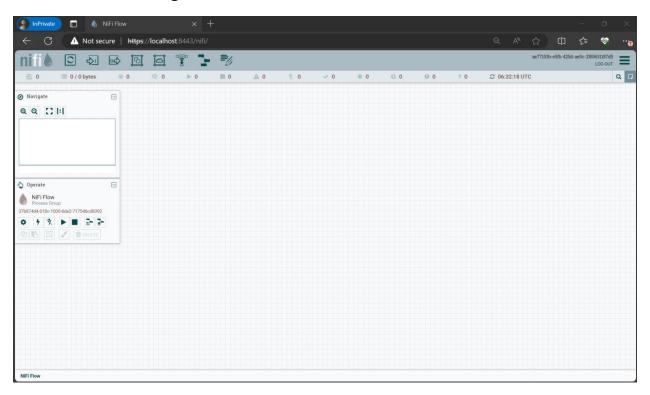
DSC-650-week-09-Mukherjee

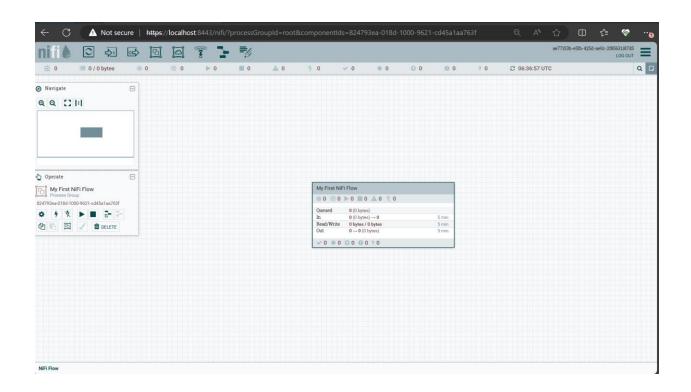
Author: Chitramoy Mukherjee

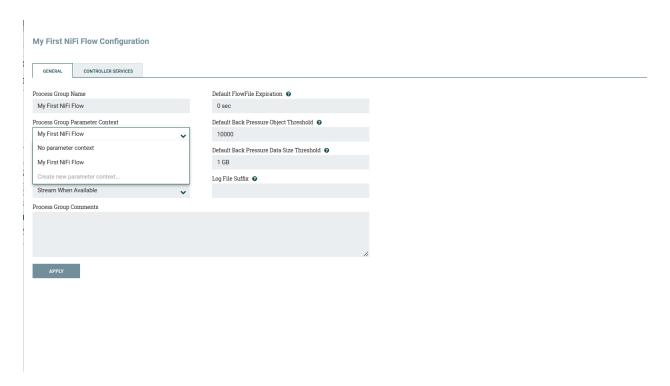
Date: 02/08/2024

Screenshot confirming successful access to the NiFi UI.

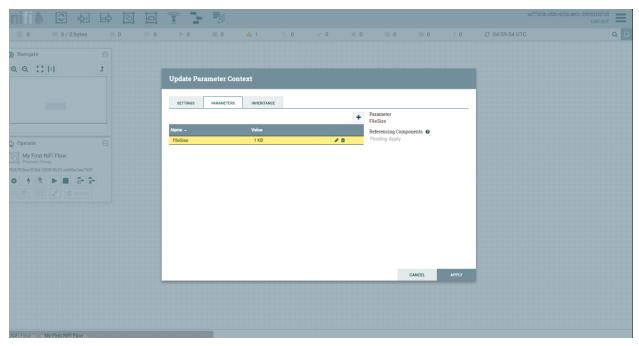


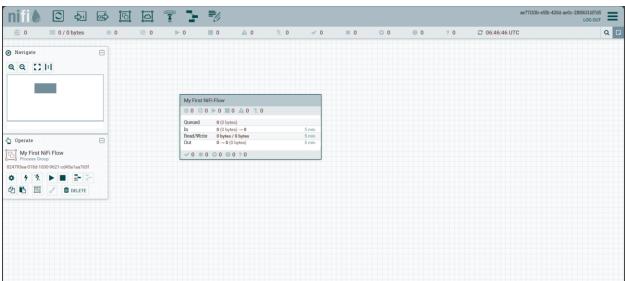
Exercise 1: Drag and drop the "Processor Group" icon onto the canvas. Name this processor group "My First NiFi Flow".

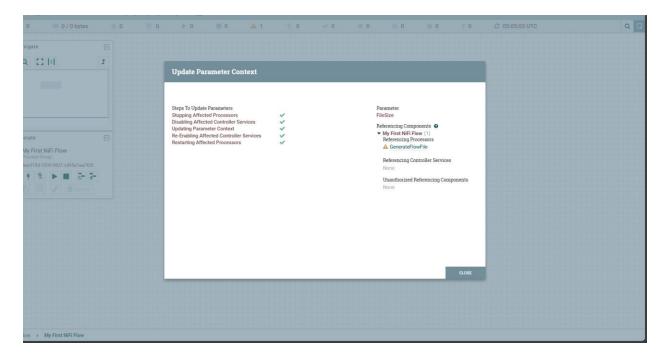




Exercise 2: Create a Parameter Context for your new processor group. Define a parameter (e.g., File_Size) that will determine the size of the files generated in the next step





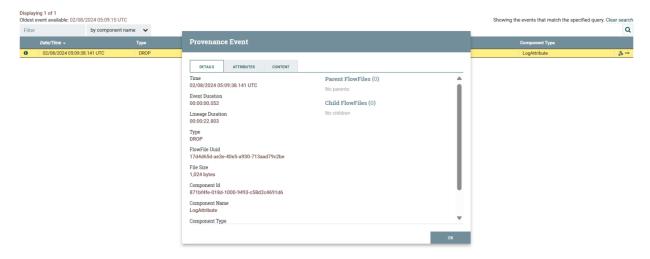


Screenshot of the simple flow (GenerateFlowFile to LogAttribute).

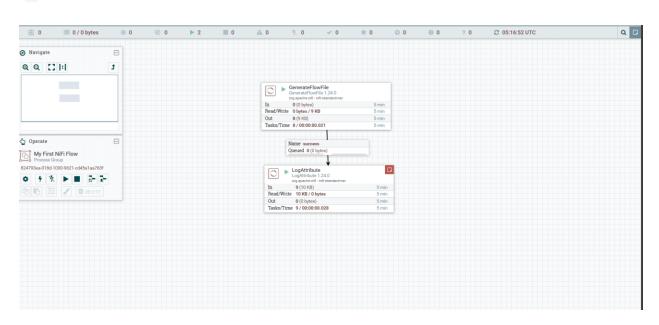


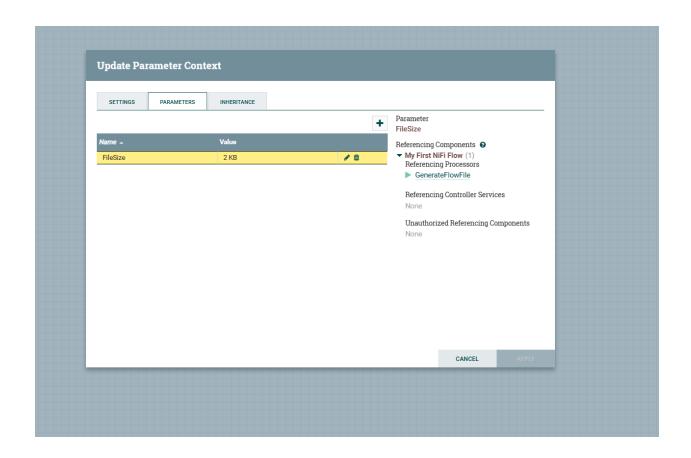
🖾 🗴

NiFi Data Provenance



C Last updated: 05:12:49 UTC

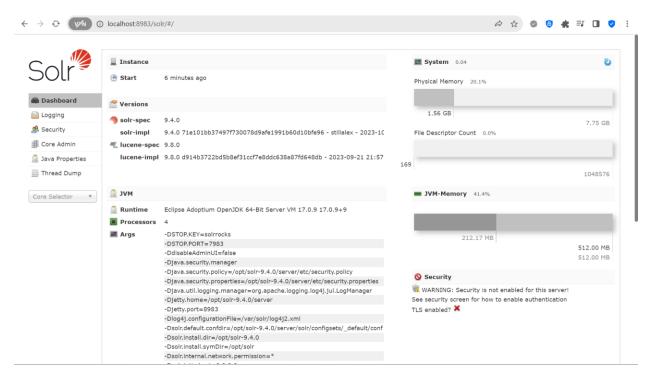


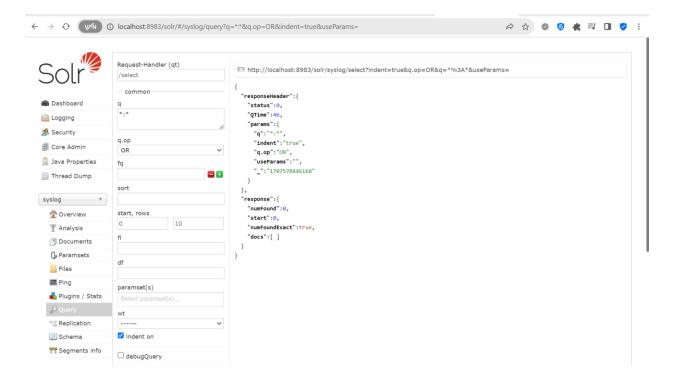




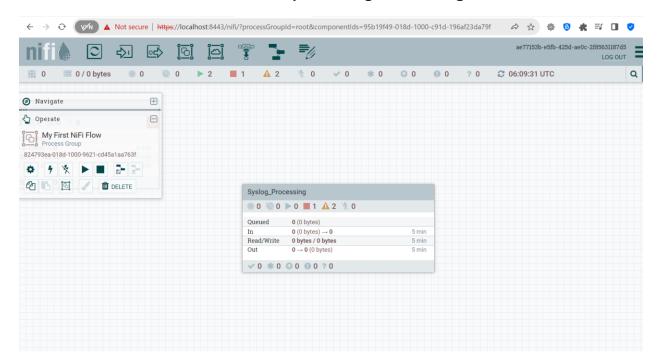
Screenshot confirming the successful creation of the syslog collection.

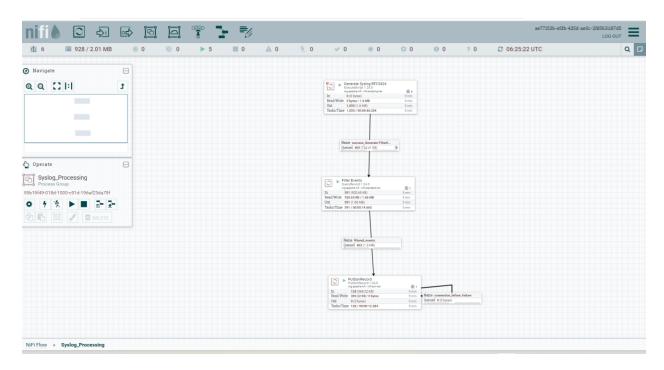
```
Last login: Thu Feb 8 04:31:11 2024 from 172.59.77.4
chitramoy@bigdatar:~$ ls -ltr
total 4
drwxrwxr-x 4 chitramoy chitramoy 4096 Dec 5 01:26 dsc650-infra
chitramoy@bigdatar:~/dsc650-infra
chitramoy@bigdatar:~/dsc650-infra$ ls -ltr
total 8
-rwxrwxr-x 1 chitramoy chitramoy 2093 Dec 5 01:26 setup.sh
drwxrwxr-x 6 chitramoy chitramoy 2093 Dec 5 01:28 bellevue-bigdata
chitramoy@bigdatar-/dsc650-infra$ cd bellevue-bigdata 3 ls -ltr
total 8
drwxrwxr-x 6 chitramoy chitramoy 4096 Dec 5 01:28 bellevue-bigdata
chitramoy@bigdatar-/dsc650-infra$ cd bellevue-bigdata 3 ls -ltr
total 16
drwxrwxr-x 2 chitramoy chitramoy 4096 Dec 5 01:29 sifi
drwxr-x 3 root root 4096 Dec 5 01:29 sifi
drwxr-x 4 chitramoy chitramoy 4096 Dec 5 01:29 sifi
drwxr-x 4 chitramoy chitramoy 4096 Dec 5 01:29 sifi
drwxr-x 4 chitramoy chitramoy 4096 Dec 5 01:31 hadoop-hive-spark-hbase
drwxrwxr-x 4 chitramoy chitramoy 4096 Dec 5 01:29 sifi
drwxr-x 4 chitramoy chitramoy 4096 Jas 2 18:09 kafka
chitramoy@bigdatar-/dsc650-infra/bellevue-bigdatas d solr
chitramoy@bigdatar-/dsc650-infra/bellevue-bigdatas/sif sudd docker-compose up -d
Starting solr_solr_1 ... done
chitramoy@bigdatar-/dsc650-infra/bellevue-bigdata/solr$ sudd docker ps
CONTAINER 1D IMAGE COMMAND
CREATED STATUS PORTS
```



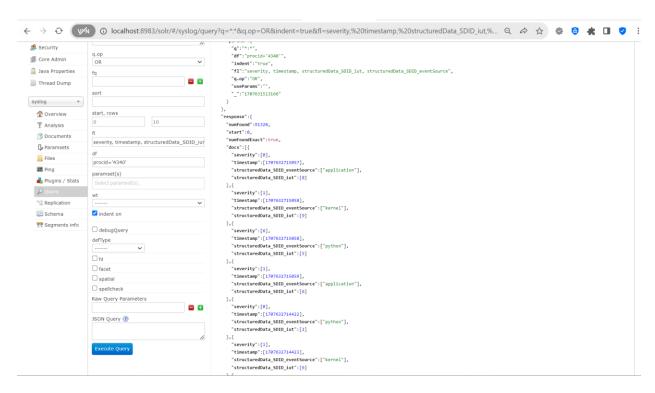


Screenshot of the advanced NiFi flow processing and sending data to Solr.





Select severity, timestamp, structuredData_SDID_iut, structuredData_SDID_eventSource where procid='4340' from solr Web Interface.



Count based on priority is solr Web Interface on syslog data.

