FABRIC RELEASE NOTES

FABRIC V7.2.1 RELEASE NOTES

These Release Notes describe the new features in Fabric release V7.2.1 and list bugs that have been fixed since the V7.2.0 release.

Certification of this Fabric release is based on:

- Cassandra version 4.1.3
- SQLite version 3.44.1.0
- Open JDK Runtime Environment (build 17.0.8+7)
- Confluent Kafka version 7.2.1
- Neo4j 5.12.0 - enterprise
- Elasticsearch - 8.5.3
- AWS OpenSearch – 1.3.4
- PostgreSQL 15.4 (Debian 15.4-1.pgdg120+1)

MAIN FEATURES AND IMPROVEMENTS

1. Fabric Catalog

- Major performance improvements and optimizations while running the Discovery job and saving the Catalog schema into the neo4j GraphDB.
- Discovery can now be performed on the Salesforce DB.
- Several new Catalog Application functions and usability improvements, such as:
    - o 'Show only connected' icon on the menu bar allows to keep displaying only the predecessors and successors of the selected node, whilst hiding all the rest. Useful for complex schemas with many datasets and relations.
    - o Running the Discovery job from the Catalog Application. Accessible via the 'Run Discovery' icon on menu bar or the data platform's context menu.
    - o Viewing the Catalog's statistics at a schema level, accessible via the 'Schema Insights' icon on the menu bar. In a regular view, it shows a total number of datasets, fields, relations and PII properties. In a comparison view, it shows the percentage of updates, per each group: datasets, fields, relations, PII properties.
    - o 'Data Viewer' icon on the menu bar allows you to connect to the selected data platform using the Fabric's Query Builder.
    - o The Catalog Application is now split into the Navigator tab and the Settings tab.
    - o The main Plugin Framework configuration file – *plugins.discovery* – enables setting an exclusion and/or inclusion lists per data platform, to limit the list of schemas and datasets that are being crawled by Discovery Job.

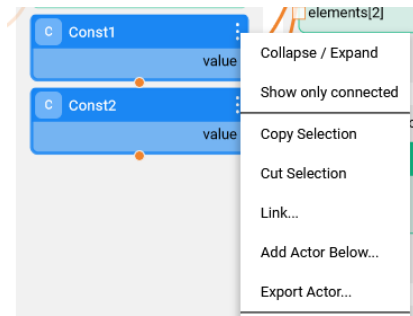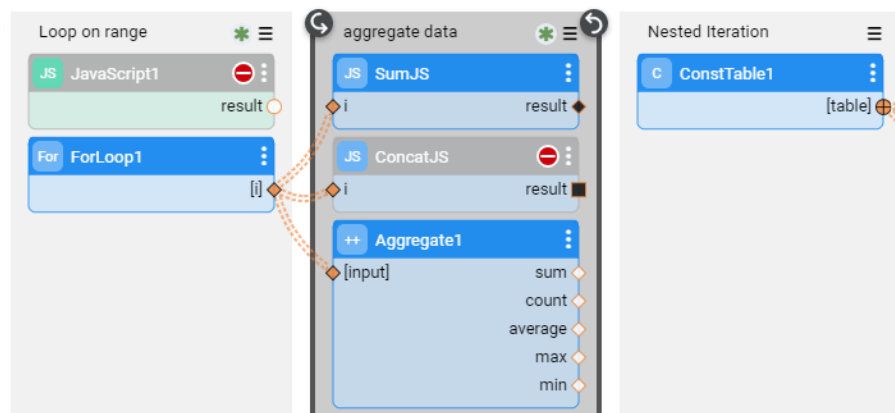https://support.k2view.com/Academy/articles/39_fabric_catalog/README.html

2. Broadway

Usability

- **Cut Selection** – a new action is now available in the Actor's context menu. It cuts both the selected Actors and the links between them. The selection can then be pasted in either the same or a different flow.

- The **disabled** Actors are now marked with an icon (as shown below), to improve their visibility in big flows.

New Actors

- **DeepCopy** Actor allows you to create a copy of a map or a collection, specifying the depth of the recursion.
- **Pace** Actor is used to report the pace of calls. The pace is reported to the actor's output and optionally to the log. This actor can be used in loops or as the logic for a Peek actor when traversing a stream.

Modified Actors

- All **CatalogMasking** & **CatalogGenerator** Actors have been enhanced by the below parameters with the following default values:
  - **category** = enable_masking, **hashedInpitValue** = true, **useExecutionId** = false, **useEnvironment** = false, **useInstanceId** = true, **TTL** = 86400, **onEmpty** = LEAVE_EMPTY

3. Miscellaneous

- **Fabric and project dependencies with no collisions.** Fabric's dependencies can now be isolated from the project's dependencies. By default, the current functionality is preserved, which means there is no isolation between Fabric and project dependencies.

https://support.k2view.com/Academy/articles/COE/Fabric_Implementation_Best_Practices/best_practice_dependencies.html

- **SSH-RSA support.** SSH and SFTP interface types now include the parameter that defines whether to support an SSH-RSA protocol. For all existing SSH and SFTP interfaces, this parameter will be automatically set to true.

- **iidFinder** now supports **AWS keyspaces** (in addition to Cassandra).

RESOLVED ISSUES

- Ticket 35998 - Catalog - Classifiers/Masking Issue. The problem has been resolved.

- Ticket 36217 - batch starts running less instances than the MAX_WORKERS_PER_NODE. The problem has been resolved.