ELN Dashboard - 5 - Operational

Procedures

Here is a suggested operation book template:

https://docs.google.com/document/d/1xf3wWoQBgHKQtefaWi04Hx545rPB8HzQ

> *Procedure guide on how to operate the application*

DataPrep Flow

Start

Incremental process

In order to run the incremental process you should execute the Talend flow *F001_Daily_flow* which is scheduled daily

Termination

Check in the TMC that the job is completed.

Restart

> *Is the process the same ?*
>
> *Also for restarting after an error ?*

The restart process consists in re-running the incremental process. As the process is incremental (some tables are always loaded in full) even after an error you should simply run the process.

Pause

Procedure

> *How?*

No pause

Alert contacts

> *Who should be alerted ? Antoine REY (ELN Application Owner / ELN dashboard Product Owner)*

Stop

Procedure

> *How ?*

If you need to stop the daily flow you can remove the trigger from the Talend TMC.

Alert contacts

> *Who should be alerted ? Antoine REY (ELN Application Owner / ELN dashboard Product Owner)*

Reset

> *How ?*

No need.

Scheduling

Trigger

> *What is the start trigger ? Event based ? Time based ?*
>
> *Are there differences between DataPrep and DataApp ?*

The Talend flow is scheduled every day at 6am CET.

Expected results

> *For each brick, what is the expected output ?*

Big Query tables of the project *prj-dash-eln-prod* will be updated.

Intervention

> *When is the time frame to intervene ? (when downtime is acceptable or scheduled)*

The project is not critical so you can intervene anytime.

Monitoring

Runtime

> *Where and how can we see the application status (Stopped, waiting, running, etc) ?*

Look at the TMC to check the job status.

Run history

> *Where are the run actions historic ?*
>
> *What form does it take ? Logs ?*

Resources

> *Memory / Disk / CPU used by application*

Additional metrics

> *According to operational requirements, detail application metrics (Processed Volume, Process duration, ...)*

Logging

> *Where to find each step logs ?*

Error handling

> *As a general guideline, application should stop as soon as possible.*

Alerts

> - *Contacts*
> - *Meaningful message (timestamps, description, criticality)*

Specificity

> *Detail procedure for specific error cases*