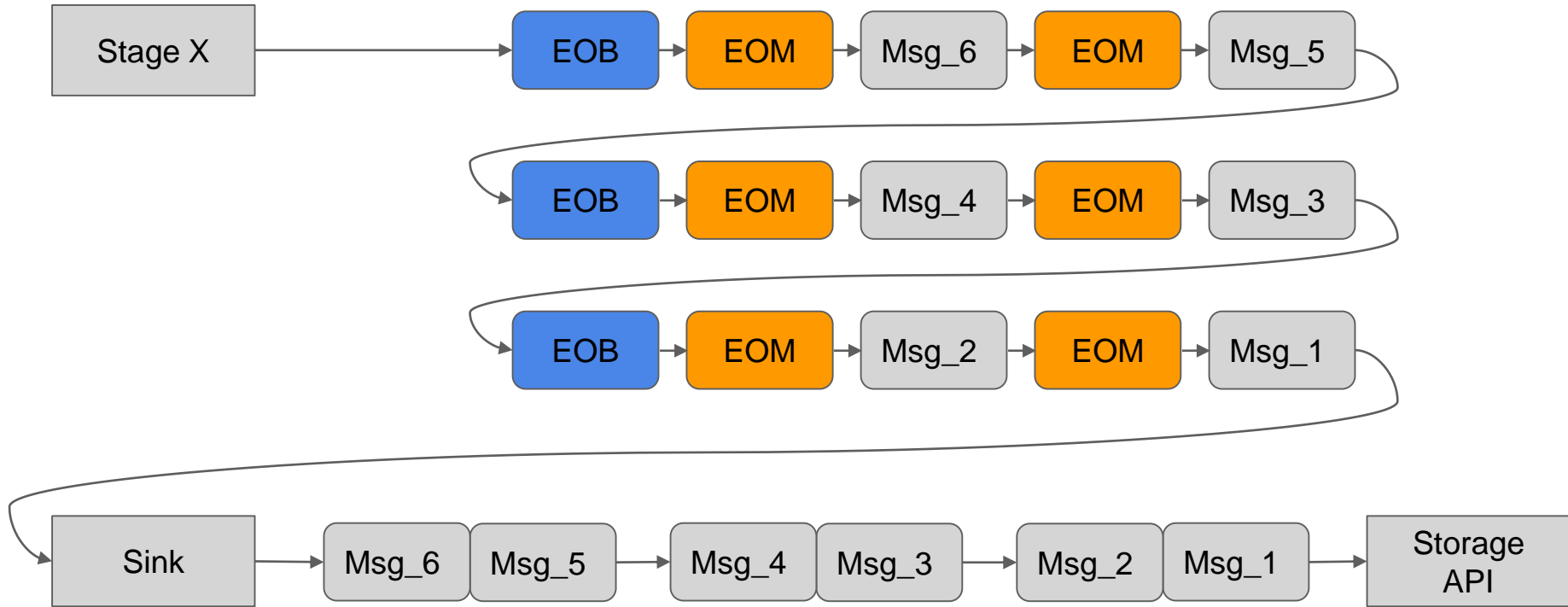# DKB meeting

12.07.2019

Anastasiia Kaida

The general idea

Marina Golosova ©

Formal description

Sink connector input stream contains messages, joined into batches:

<message> = <content>+<EOM>
<batch> = <message>+<message>+...+<EOB>
<input stream> = <batch>+<batch>+...

Sink connector sends to the final storage API sink messages, containing only content of all the input messages from a single batch:

<sink message> = <content>+<content>+...+<content>

Marina Golosova ©

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What has been changed?

Before: Both stages, the last transform stage (pre-sink) and a sink stage should be aware about messages structures and its content. As a result, both of them makes changes partially.

After: Only pre-sink stage is aware about messages structure. Sink stage doesn't care about it just uploading messages.

Updates

- EOM → newline change deleted (now pre-sink stages are responsible for data transformation)
- README update (a new paragraph was added)
- follow DRY (060, 069)
- any other changes/fixes(?)

PR #278: Travis CI issue

Line length check failed: empty strings have been detected as incorrect.

The full report is [here](#)

NEC'2019: Notification of acceptance

Data streams processing in metadata integration system for HENP experiments is included in the conference program as a sectional.

TO DO:

- Register
- Make a presentation
- Prepare a speech
- Contact with ATLAS CSC

Next week

- Check 069-060
- NEC presentation (discussion, making draft)
- ~~Solve #278 issue~~
- Observe *output_dataset* in ES

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- Check PR #274
- Contact to ATLAS CSC
- ...