

WP3 - Dynamical archives

Currently, only HU Berlin /DESY Zeuthen are actively working in WP3!

Obviously sub-optimal:

- Solutions will be tailored to our problems.
- Discussions lead to a better product.

It is a small WP, with few resources, but will be critical as the bridge that connects e.g. real-time filters with studies into incompleteness and information loss.

Meeting options Mar 6-10:

<https://doodle.com/meeting/participate/id/aQkl877d>

Deliverable TA5-WP3-1

“Specifying the concept of a dynamic archive: Requirements in relationship to other WPs (information loss, dynamic filters, scalable workflows and simulated catalogs) as well as to information present in traditional archives (other TAs).”

In practice: Describe the functional requirements of a dynamical archive (using the terminology and concepts introduced in the meta-data document). The first stage will be a demonstrator which can fulfill all kinds of relations, but not at all levels of complexity. [We will, for example, use a specific definition of cumulative, atomic “information”.]

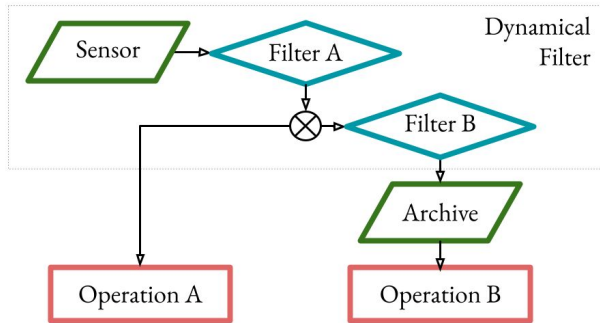
Next stage of WP3 will be to realize this demonstrator based on the ZTF archive:

“Assuming **this** definition of information, which information loss would using *this* real-time filter cause?”

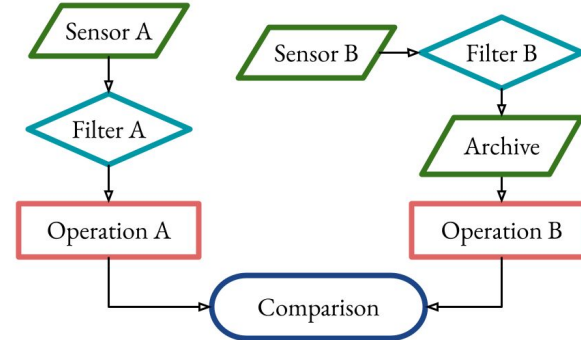
Deliverable TA5-WP3-1

Draft (very incomplete stage): <https://www.overleaf.com/4756717958nkzxbbyzwrsm>

Due March 31



Creation of archive after dynamical filter.



Evaluation of dynamical archive vs filter.