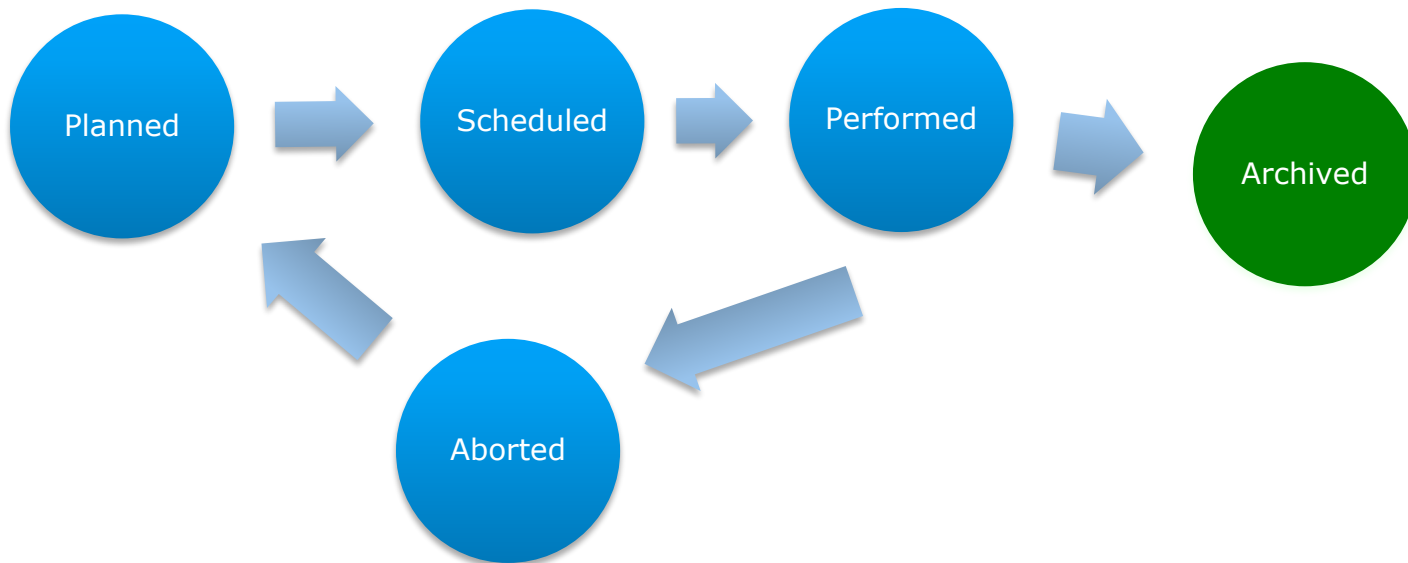


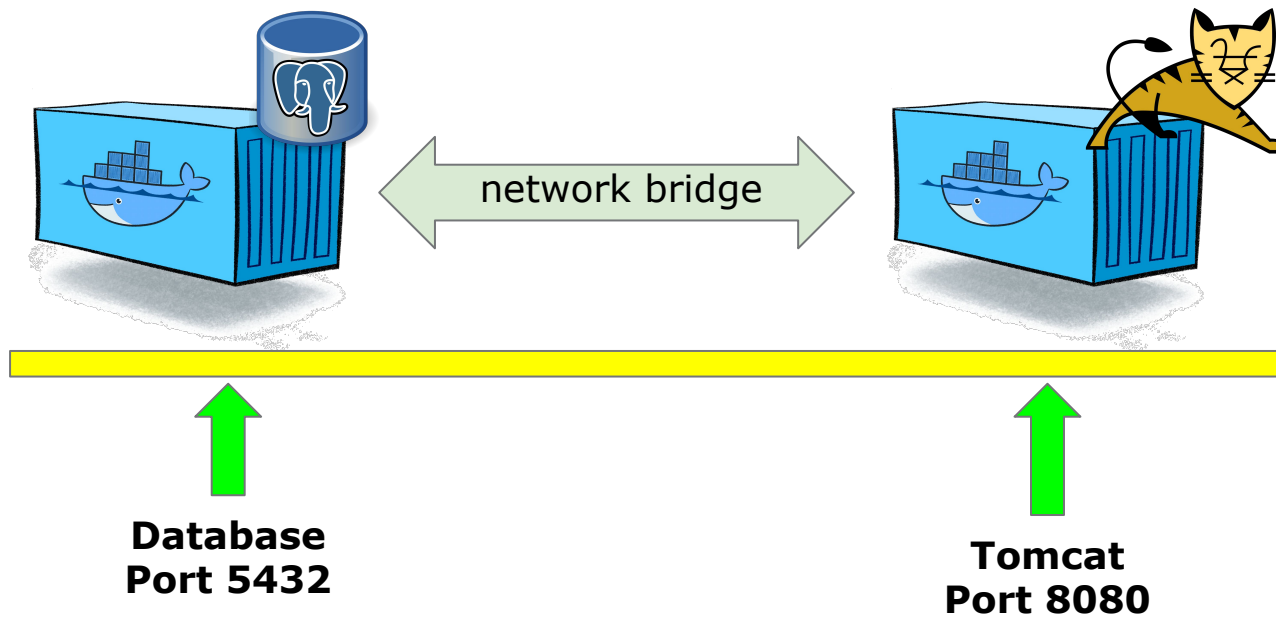
ObsLocTAP RFC news

Jesús Salgado

Observations Life cycle



- Community revision of PR 1.0 finished last 1st September
- Server reference implementations:
 - Integral Science Archive
 - <https://ila.esac.esa.int/tap/tap/>
 - Chandra CFA
 - <https://cda.cfa.harvard.edu/cxctap/>
 - Docker implementation



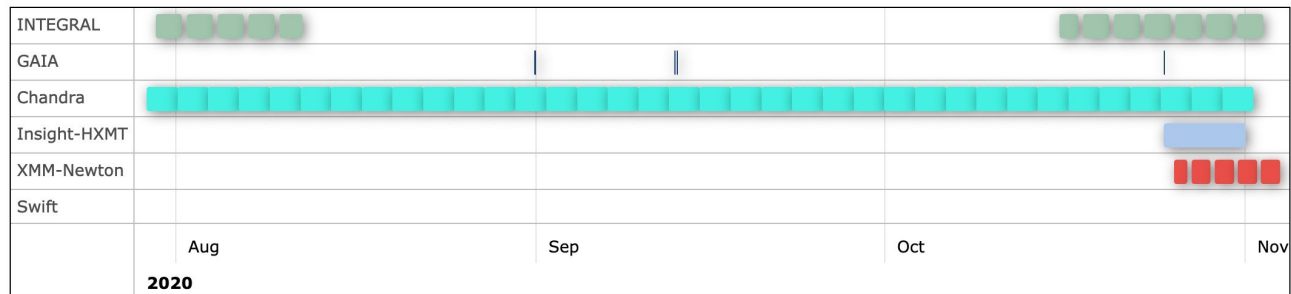
Reference implementation client



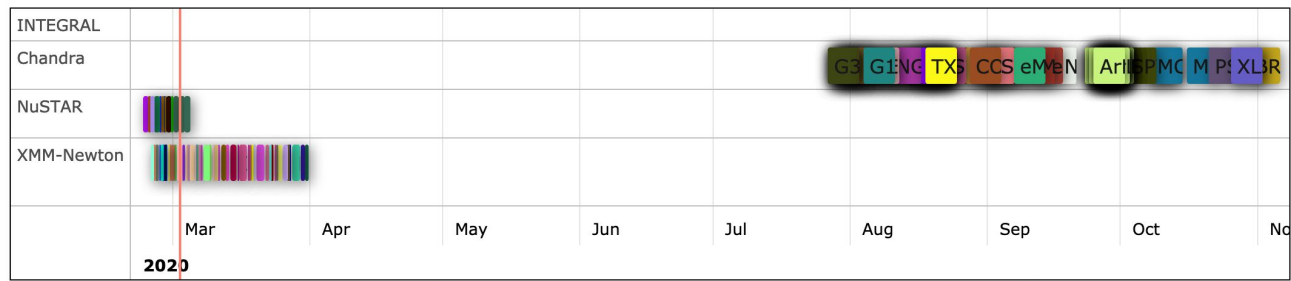
TOBY, reference client implementation (E. Salazar)

<http://integral.esa.int/toby/>

Visibility



Schedule



Other clients expected: MySpaceCal (calendar for many missions), ESASky, etc

- Few comments received during community review
 - Comments from Markus Demleitner on formatting and typos issues (thanks!)
 - github integration comments
 - ivoatex discrepancies
 - Limitation of size of lines for github
 - Misspelling
 - etc
- A couple of pull requests and all problems solved (still one problem with the rule to automatically generate pdf view)
- No problems or changes related with the content

- Multi-messenger and Transient Astronomy White Paper
 - (Thanks to Ada Nebot for representing IVOA on this forum!)
 - <https://arxiv.org/abs/2007.05546>
- *"This describes the outcomes of a workshop held in Cape Town in February and identifies potential bottlenecks for transient and multi-messenger astronomy into the next decade."*
- *"Telescope Coordination Recommendation 1: We recommend the IAU endorse a common format for all observatories to report previous and planned observations, namely the standard developed by the IVOA (ObsLocTAP)."*
- Proposal to endorse this white paper recommendations by IAU during next XXXI IAU General Assembly (Busan, South Korea, August 2021)

ObsLocTAP and ObjVisSAP workshops



- Two hands-on workshops organized by ESA to promote the implementation of ObsLocTAP and ObjVisSAP
 - Friday 18 September 12UT
 - Monday 28 September 12UT
- https://www.cosmos.esa.int/web/vovisobs_protocols/demonstrator-workshop

AGENDA

1. Welcome, short update of latest developments (20 minutes)
2. ObjVisSAP (1 hour)
 1. Demonstration of implementing ObjVisSAP for NuSTAR (30 minutes)
 2. Discussion (30 minutes)
3. ObsLocTAP (1 hour)
 1. Demonstration of implementing ObsLocTAP for NuSTAR (30 minutes)
 2. Discussion (30 minutes)
4. General discussion (40 minutes)

ObsLocTAP presentation (30-45 min)



- Short description of the exercise purpose
- Architectural diagram of the elements needed
 - PostgreSQL
 - PgSphere
 - TAP instance
 - ObsLocTAP DM
- ADQL concepts
- TAP toolkit
 - Taptuto used. All known toolkits also mentioned
- Database preparation
- Docker option
- NuSTAR feedback
- General discussion to get feedback on the status of the partners (e.g. database used if any, engineering support, resources, metadata available, etc) (30 extra minutes)

- Release formally the new PR 1.0 version with all the cosmetic changes and typos corrected
 - Automatic generation of pdf in github
 - Send new pdf to IVOA documentalist

- After consultation, promote the document to the next phase (comments from TCG)