

CTA interoperability workshop

Previous activities report

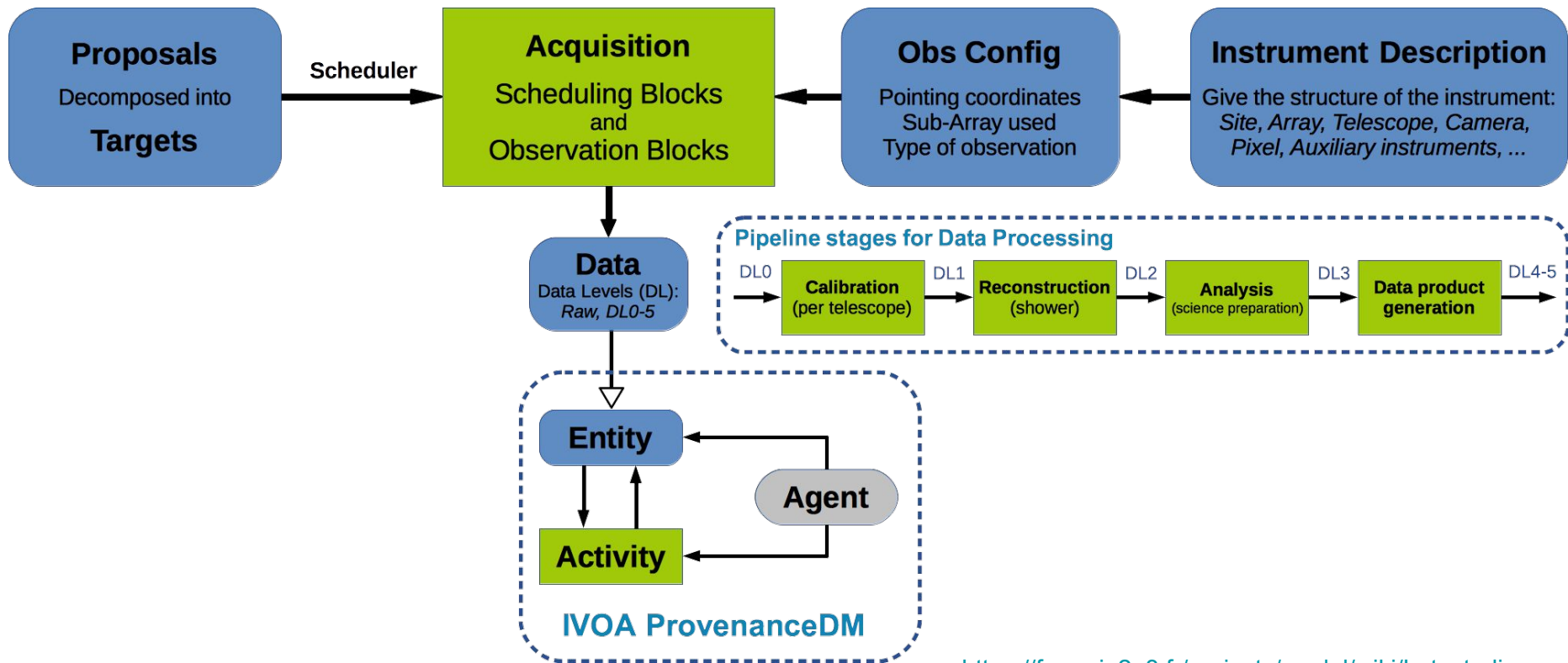


Mathieu Servillat (LUTH - Observatoire de Paris / CNRS)
François Bonnarel, Mireille Louys (CDS), Catherine Boisson (LUTH)

CTA Data Access and Virtual Observatory (VO)

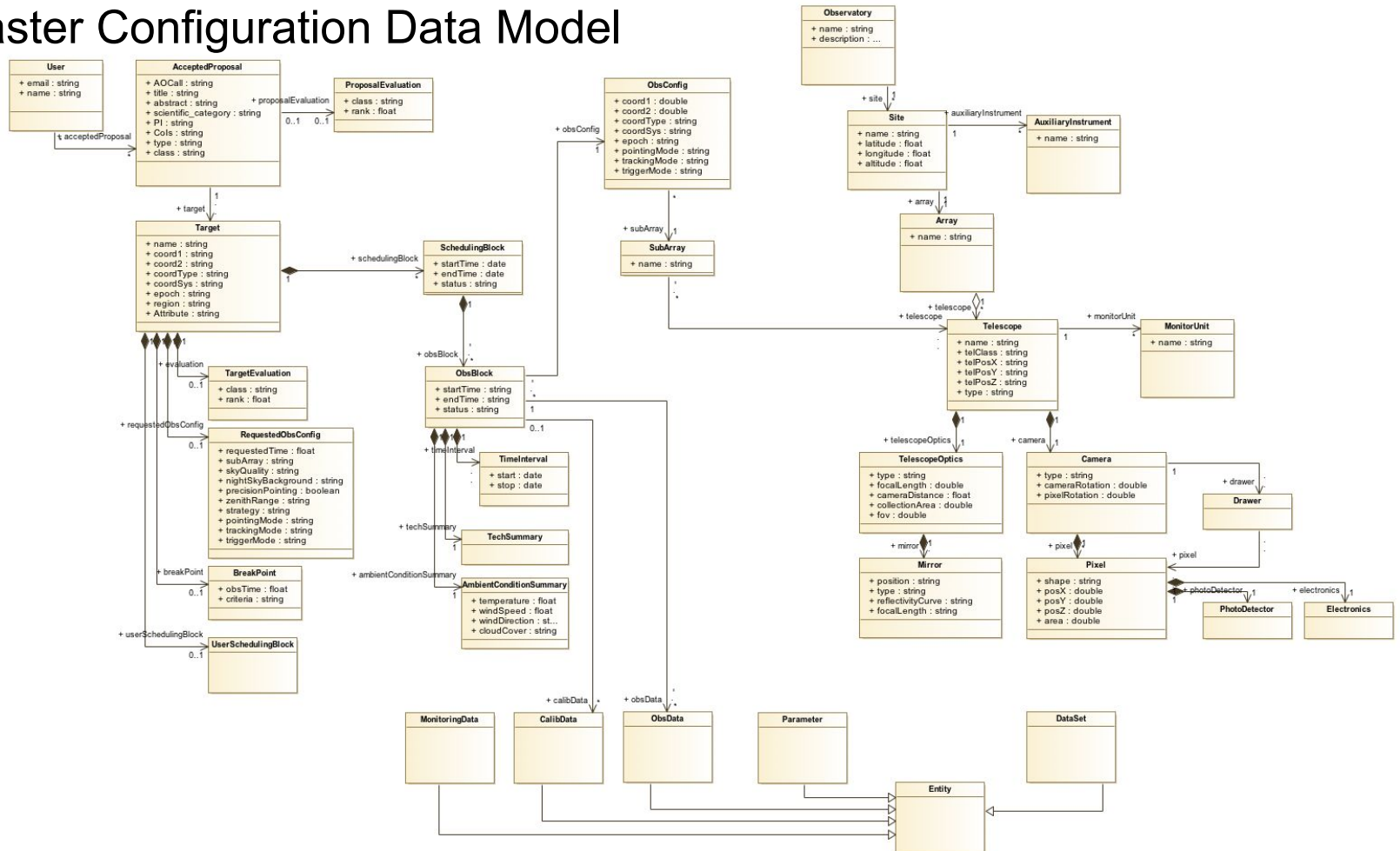
- Discussed in the **CTA Data Model group**
 - after earlier discussion (see Mireille's presentation)
- One of the result was the **CTA Master Configuration Data Model**
 - evolution of previous diagrams
- **Prototype** to test VO technologies for CTA
 - CTA internal document (presents VO standards and prototype technical structure)
 - ObsCore description adapted to CTA
 - ObsTAP server implemented (using DaCHS)
 - Web interface developed to query the ObsTAP server : TAP Distiller
 - <https://voparis-cta-test.obspm.fr>
 - Web interface to further process data : OPUS
 - <https://voparis-uws-test.obspm.fr> – [\[ADASS XXX proceedings\]](#)

CTA Master Configuration Data Model

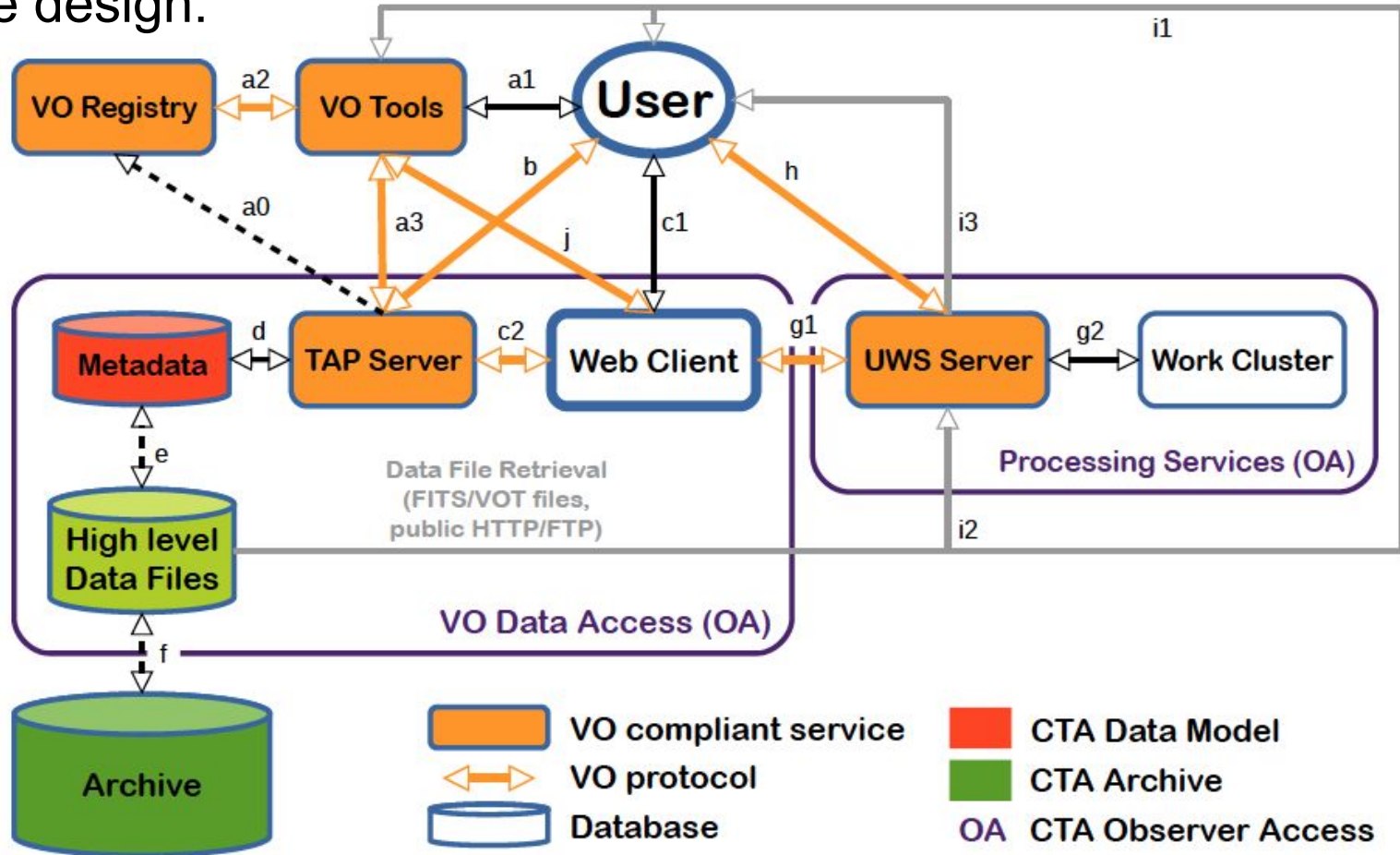


https://forge.in2p3.fr/projects/model/wiki/Latest_diagram

CTA Master Configuration Data Model



Prototype design:

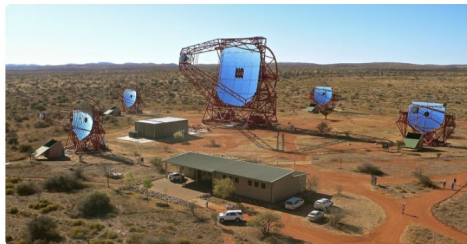


H.E.S.S. Public Data Release VO Access



<https://hess-dr.obspm.fr> / <https://www.mpi-hd.mpg.de/hfm/HESS>

H.E.S.S. is a system of Imaging Atmospheric Cherenkov Telescopes that investigates cosmic gamma rays in the energy range from 10s of GeV to 10s of TeV. The instrument allows scientists to explore gamma-ray sources with intensities at a level of a few thousandths of the flux of the Crab nebula (the brightest steady source of gamma rays in the sky).



OPUS → <https://voparis-uws-test.obspm.fr>
[ADASS XXX proceedings]

OPUS Job Definition Job List Signed in as user

Job List for **gammapy_spectra** Refresh Job List Create Test Job Create New Job

Type	Start Time	Destruction Time	Phase	Details	Control
gammapy_spectra	2017-10-02 10:47:07	2017-11-01 10:47:05	COMPLETED	Properties Parameters Results	Start Abort Delete
gammapy_spectra		2017-11-01 10:47:03	PENDING	Properties Parameters	
gammapy_spectra	2017-09-29 15:07:52	2017-10-29 15:07:51	COMPLETED	Properties Parameters	
gammapy_spectra	2017-09-29 14:55:10	2017-10-29 14:55:09	ABORTED	Properties Parameters	
gammapy_spectra	2017-09-29 14:21:20	2017-10-29 14:21:19	COMPLETED	Properties Parameters	

Job Results

spectrum: Download [image/png]

spectrum_preview: Download [image/png]

←

Observatoire de Paris 2021. Based on [Django](#), [jQuery](#) and [Bootstrap](#).

TAP Distiller → <https://voparis-cta-test.obspm.fr>