



Applications WG

Applications

SAMP – VOTable - MOC - HiPS



Applications WG

Apps I

Wednesday, May 10, 11:00--12:30, Plenary Room

Speaker	Title	Abstract	Materials	Time
Thomas Boch	Recent HiPS activity at CDS	I will discuss new HiPS datasets generated or updated (DeCAPS DR2, DES DR2, DESI Legacy Survey DR10, HST, JWST) and experimentation (WebP , cuts by region) we developed.		15+3
Deborah Baines, Henrik Norman	TAP Registry Access and ADQL in ESASky	ESASky's latest version provides access to all services registered in the TAP Registry, including VizieR (CDS). TAP table metadata, sources and footprints can be loaded in ESASky with just a few clicks, and for the first time in ESASky, ADQL can be used to query TAP tables.		15+3
Markus Demleitner	How to deal with different major versions of a standard in pyVO and beyond?	In pyVO, we are currently overhauling the discovery of image services, and the questions we ask ourselves are probably relevant to similar consumers of VO services, too, first and foremost: what does "do an all-VO query of image services" mean when, for the foreseeable future, there will be SIA1 and SIA2 services coexisting?		15+3
Matthieu Baumann	Aladin Lite v3	"Aladin Lite v3" which was released in January 2023. Many features have been implemented such as the support of all sky projections visualization, a better MOC support as well as the support of FITS image rendering of up to a few gigabytes. This talk will also give instructions for people wanting to embed Aladin Lite v3 into their own web sites.		15+3
Pierre Fernique	F-MOC - Towards a frequency MOC ?	Study of the possible extension of MOC to the electromagnetic axis.		15+3



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Operations/Applications Joint Session I: Wednesday 10 May, 16:00-17:30 (Session #12), Plenary Room

Speaker	Title	Materials	Abstract
Alberto Micol	VO Polygon Tool		
Mark Taylor	TOPCAT/STILTS Updates		Summary of changes in the recent release of TOPCAT and STILTS, especially support for ADQL 2.1 and DataLink 1.1.
J.M. Glorian	Last developments on the CASSIS spectra software		with in particular a prototype of a client's implementation for the protocol currently being defined LineTAP and an implementation using the library of mark taylor for the services authentication.
Sara Nieto	status of VO services exposed by ESA, like Gaia, Euclid, Helio and Planetary missions		
Mark Taylor + All	Operations discussion topics		Authentication and Ops, HTTPS, more?



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Apps II				
Thursday, May 11, 11:00--12:30, Room 216				
Speaker	Title	Abstract	Materials	Time
Tom Donaldson	Towards VOTable1.5	Going one step further in the evolution of VOTable, the different issues		11+3
Pierre Le Sidaner	Discovery portal on vespa using Elastic Search	Other approach on data discovery with large amount of data collections in TAP queries		11+3
Jutta Schnabel	Very-high-energy Open Data Format	In very-high-energy (VHE) gamma-ray astronomy, the community has converged to use a common open data format (GADF) for the high-level data products. With the arrival of open observatories like CTA or KM3NeT and the increasing number of multi-wavelength and multi-messenger studies, a new initiative has been created to specify formats of high-level data from very and ultra high energy gamma-ray facilities and from VHE neutrino ones. This contribution will present the Very-high-energy Open Data Format (VODF) project that has been settled by 11 VHE astroparticle facilities and how it aims to better respect the FAIR principles and the IVOA recommendations.		11+3
Francois-Xavier Pineau	News from MOC Lib Rust, MOCpy and other derivatives	New features (including F-MOCs, multi-operations, ...), the MOCpy/MOCCLi/MOCWasm evolutions, a GUI to manipulate MOCs running both on desktops and web browsers, ...		11+3
Francois-Xavier Pineau	A VOTable	Able to transform back and forth VOTables in JSON/TOML/YAML; supporting DATABLE_BINARY and DATABLE_BINARY		11+3



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Please upload your presentation or send them to us (Pierre or Adrian)

If you plan a remote presentation come to us also for organisation

You are welcome to participate to MIVOT presentation on
Tuesday, May 09, 16:00 -- 17:30, Plenary Room