

Application Working group

IVOA Interop Victoria May 2018

Chair: Pierre Fernique
Vice-chair: Tom Donaldson



Apps news

- **Hips Hips Hips ...**

- HiPS network has now 20 HiPS nodes. + 7 since last meeting in US, Canada, China, Australia
- 4 news HiPS clients, notably the well known Firefly and Stellarium
- HiPS forum uses Apps mailing list

- **Tools and lib releases:**

- ADQL, UWS and TAP-Lib (March 2018: ADQL-Lib 1.4, UWS-Lib 4.2 and 4.3, TAP-Lib 2.1 and 2.2)
- TOPcat (May 2018: TOPCAT v4.6-1, STILTS v3.1-4, STIL v3.3-1)



Apps Standards news

- **Errata VOTable 1.3**
 - Erratum_2 “Permitting F0 in precision attribute in FIELDS” → adopted
 - Erratum_3 “Clarification on arraysize="1" → still in discussion
- **WD of VO-DML mapping in VOTable** (23 March 2017).
 - => Awaiting comments & feedback.
 - => Hackathon Wednesday afternoon
- **HiPS note** by Daniel Durand et al. (25 May 2018)
 - ”The HiPS Progenitors: A small HiPS variation for tracing provenance “



The agenda

- **2 plenary application sessions**
 - An heavy program (12 talks/discussion topics)
 - Apps1 dedicated to HiPS (Monday afternoon), Apps2 (Friday morning)
 - Some late talks have been moved to Ops, DAL and GWS sessions (I apologize to the speakers – look carefully the program to not miss them)
- **2 joint sessions (TDIG/Apps/DAL/DM)**



What's the program ?

Apps 1- Monday 16:00-17:30 - Spirit

Speaker	Title	Duration	Materials
Trey Roby (IPAC)	An overview Firefly's new HiPS support	15'+3'	
Alberto Micol (ESO)	ESO VO interfaces	15'+3'	
Laurent Michel (ObAS)	ALiX : An advanced search interface for AladinLite	15'+3'	
Thomas Boch (CDS)	Feedback on generating very large HiPS for PanSTARRS and HiPS from Gaia DR2 catalogue	15'+3'	
Apps Chair	HiPS discussion: news, standard adaptation, next steps	18'	



What's the program ?

Apps 2- Friday 9:00-10:30 - Spirit

Speaker	Title	Duration	Materials
Raffaele D'Abrusco (CFA)	Chandra Multi-Order Coverage maps	14'+3'	
Tom Donaldson (STScI)	Community Engagement via Python	14'+3'	
Jonathan Fay (American Astronomical Society)	The WorldWide Telescope at the American Astronomical Society	14'+3'	
André Schaaff (CDS)	Chatting with the services. VO standards and NLP	14'+3'	
Mark Taylor (Bristol University)	DataLink and Activation in TOPCAT	14'+3'	
Markus Demleitner (ARI)	Compare standardIDs in the VO	5'	



Advices to the speakers

- Check the Apps agenda regularly in case of last minute modification
- live demo welcome but take care of your time
 - Download your presentation (pdf) on IVOA twiki before (or after) your talk

