Applications Working Group Opening session

action Aladin associated Author based CTA data dataset describe developments different discuss dmtype draw either gamma-ray General give HEALPix integration issue IVOA java large manage MOC models Obscore observatory origin possibly proposal provide query region SAADA SAMP serialization source spectra tools Unicode used USET VizieR VO VODAL VOTable

Chair: Pierre Fernique

Vice-chair: Tom Donaldson

IVOA Interop meeting - Banff - October 2014

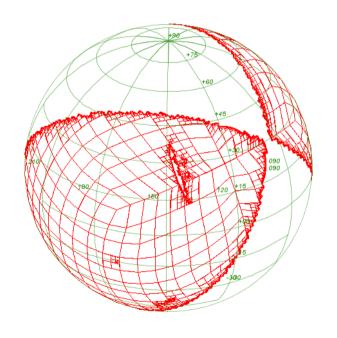


Standards

 MOC 1.0 – HEALPix Multi-Order Coverage map => Recommendation (Madrid May 2014)

Announcement of the HEALPix developers to integrate MOC support in the official HEALPix distribution.

- => MOC extension already available in java
- => Author asked to some VO people to test and check it





Mailing discussion

- Unicode in VOTable issue
 - => missing information for properly encoding extending characters (in some cases)

- VODML serialization in VOTable
 - => How to do it after Madrid agreement?
 Dmtype?dmtype+dmrole?<DMTYPE>+<DMROLE>?

=> VOTable general discussion during Application session 2 (Sunday morning)



Applications session 1

Friday oct 10 / 11:00–12:30 (Summit)

- Mark Taylor Upload crossmatching from TOPCAT
- Gilles Landais Indexing VizieR associated data with ObsCore
- François Bonnarel Aladin ObsTAP plugin
- Omar Laurino A Python implementation of VODML
- Chenzhou Cui AstroCloud, a Whole Lifecycle Management Platform for Astronomical Data Based on Virtual Observatory and Cloud Computing
- Matthieu Servillat VO diffusion for CTA



Applications session 2 Sunday Oct 12 / 9:00–10:30 (Summit)

- VOTable issues & proposals => General Discussion
 - 1) Unicode: issue & proposal
 - 2) VODML serialization: proposals
 - 3) Coordinate specification: state of the art



Applications session 3 Sunday Oct 12 / 11:00–12:30 (Summit)

- Laurent Michel Querying by region: from the drawing to the SQL query
- André Schaaff CMOC, a C library to handle MOCs
- Régis Haigron SCubOX, a Spectral Cube Online EXplorer
- Thomas Boch Experimenting dynamic generation of HiPS density maps for large data exploration
- Hugo Buddelmeijer Request-based analysis of large datasets
- Petr Skoda VO-Cloud for Machine Learning

