Applications Working Group
Opening session

Chair: Pierre Fernique
Vice-chair: Tom Donaldson

IVOA Interop meeting - Sesto - June 2015

Announcements (since last Interop)

- **JSAMP** library/toolkit release (Bristol University)
  => http://www.star.bristol.ac.uk/~mbt/jsamp/

- **Stat-Lite Android** application(VOTable android drawer) (VO-India)

- **TOPCat, STILTS & STIL** release (Bristol University)
  => http://www.starlink.ac.uk/topcat/, stilts, stil

- **MOC** support in the next HEALPix official java & C++ lib (Max Planck institute)

- **Javascript VOTable parser** (CDS)
  => https://github.com/aschaaff/votable.js

- **Iris v2.1** beta release (SAO)
  => http://cxc.cfa.harvard.edu/iris/v2.1/guide.html

- **TAP, UWS, ADQL** librairie release (CDS/ARI)
  => http://cdsportal.u-strasbg.fr/taptuto, uwstuto, adqltuto

- **TapHandle** release (SCC XMM)
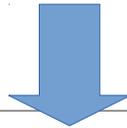 => http://saada.unistra.fr/taphandle

Apps mailing hot topics

- ## VOTable issues :

  - COOSYS Banff's decision published and accepted

  - String Unicode binary coding in VOTable :
    => The Banff's solution seems to not cover all cases... required more debates.

  - **VODML mapping in VOTable**
    => Convergence + Draft updated + required implementation feedback

- ## JSAMP issues :

  - Https, multi-user environnement,PLASTIC old lib
    => *not discussed during this interop*

*DM2 session
VOTable/VODML discussion*

Applications session 1
Monday 14:00–15:30 - Großer Saal

1. Jiri Nadvornik - *Photometric Surveys:* ***Catalog generation with HEALPix*** *and VO*

2. Thomas Boch - ***MOCPy****, a Python library to parse and manipulate MOC*

3. Ivan Zolotukhin- *Advanced web application for X-ray research with the* ***XMM-Newton***

4. Nicolas Moreau - *The new* ***VAMDC portal*** *for atomic and molecular data : simplified search interface and asynchronous requests using PDL*

5. Santosh Jagade - ***AstroStat*** *- Statistical Analysis for Virtual Observatory, and PyMorph*

Applications session 2
Wednesday 11:00–12:30 - Großer Saal

1. Laurent Michel - ***Taphandle*** *status & prospec*

2. Anaïs Oberto - ***SIMBAD TAP*** *service is evolving to simplify the usage for all users*

3. Mark Taylor - **TOPCAT TAP** *client improvements*

4. Gregory Mantelet - *New release of the* ***CDS/ARI libraries***

5. Baptiste Cecconi - ***RadioJOVE****: Citizen science in scientific research using the VO*

Applications session 3
Wednesday 14:50– 15:30 - Großer Saal (plenary)

1. Ivan Zolotukhin - ***VO-powered publication*** *in Science magazine: discovery of the runaway mini-galaxies*

2. Omar Laurino - *The new **Iris** release*

3. Laurent Michel - ***ArchesWalker***

Applications session 4
Thursday 9:00–10:30 - Großer Saal

1. Carlos Rodrigo - *VOSA, VO SED Analyzer: new features and new architecture*

2. Petr Skoda - *Distributed data mining of **spectra archives** using VO standards*

3. Yaye Awa Ba - ***Spectcol** improved with VO-Table and SAMP support*

4. David Languignon - *Using numerical simulations in the VO: **case study for ISM observations** interpretations, standards & technics*

5. Sara Nieto - ***ESAC VOSpace** implementation*