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29 Sept 2003: 13.00-14.10 GMT

Notes: NAW

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Present:

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Apologies:

Glossary

AstroGrid - UK VO initiative	www.astrogrid.org
Aus-VO - Australian Virtual Observatory	www.aus-vo.org
AVO - Astrophysical Virtual Observatory	www.euro-vo.org
AVO - AVO Science Working Group	
CDS - Centre de Donnes Astronomiques de Strasbourg	www.cdsweb.u-strasbg.fr
China-VO - Chinese Virtual Observatory	www.china-vo.org
CVO - Canadian Virtual Observatory	
DRACO - The Italian Datagrid for Research in Astrophysics and Coordination with the Virtual Observatory	
F-VO - French VO	
GAVO - German Virtual Observatory	www.g-vo.org
GSC - UK Grid Steering Committee	
VO-India - Indian Virtual Observatory	
JVO - Japanese Virtual Observatory	jvo.nao.ac.jp/index-e.html
KVO - Korean Virtual Observatory	kvo.kao.re.kr
NVO - National Virtual Observatory	www.us-vo.org
PDS - AAS Division of Planetary Sciences	
RVO - Russian Virtual Observatory	www.inasan.rssi.ru/eng/rvo/

IVOA - International Virtual Observatory Alliance

0. Review of open action items from previous meetings and their new status

ACTION FM4-7.3.2 DS/PQ: produce a position paper on issues related to data quality and data provenance.

PQ noted that this was ONGOING, input was welcome from all on this topic. DS/PQ aim to issue a draft paper end Nov 2003, with agreement at the next Jan 2004 IVOA meeting.

ACTION TM6-3 BH: - clean up the draft standards process document and bring it for formal approval at the Sydney meeting.

CLOSED: BH reported that the stds process document had been circulated in the 'call for review' stage on 11 Sep 2003. The document is linked from <http://www.ivoa.net/Documents/WD/>. The call period closes 10 Oct 2003, thus the working draft recommendation would be submitted at the ADASS in Strasbourg Oct 2003.

No major feedback had been received to date. Formal IVOA approval would be sought at the next IVOA meeting.

ACTION TM6-5 BH: to organise a joint meeting (linked with demos - perhaps at the July IAU) with the solar community to look at collaboration possibilities. Need to address whether there are benefits in having common standards.

ONGOING: PQ has been discussing with elements of the Solar Physics community in Europe. A fuller report would be made at the next Jan 2004 IVOA meeting. BH reported on a NVO + PDS meeting begin Oct 2003 - looking at standards. DY noted that discussions at the level of NOAO/NSO are starting.

ACTION TM6-6 PQ, BH and ALL with access to legal council: get legal advice on the acceptability of the draft IVOA license.

CLOSED: PQ indicated that ESO advice was that the draft IVOA license is okay. BH reported that the US AURA office see no problems with the draft.

ACTION FM8-0A TL to circulate link to definitive IVOA draft license.

ACTION FM7-4.0 ALL: comments on the participation paper to PQ with aim to agree document at the next IVOA meeting.

ONGOING: PQ - please send comments as to close at the Jan 2004 IVOA meeting.

ACTION FM7-4.1A PQ/ES/DS: develop a paper that defines what interfacing to a VO means from the point of view of a large project. Cases studies to include OWL, LOFAR etc.

ONGOING: PQ stated that more comments are required, especially regarding inputs on project participation. ALMA have come forward already with issues for clarification. A draft document will be presented at the IVOA Jan 04 meeting.

ACTION FM7-4.1B ALL: think of nationally important projects for case studies and feed input to PQ/ES/DS

CLOSED: consolidated with ONGOING ACTION FM7-4.1A

ACTION FM7-5.0 DS/PQ: to bring to next meeting a draft paper on data provenance and data quality to enable closure on this issue. A Draft would be issued by mid Sept 2003.

CLOSED: see ONGOING ACTION FM4-7.3.2

ACTION FM7-6 FG: to present draft VO WG terms of reference (charter) at next IVOA meeting

ONGOING: FG indicated that she has some suggestions for membership of the IAU VO WG and that some have been volunteered. More names for outside representation required and a suggestion for an outside co-chair is required.

FG thought that membership should include:

- a representative from the IAU FITS working group.
- Bob Bentley from the Solar VO WG (IAU Div V) will suggest a Solar rep

The VO WG will have two co-chairs, from inside/outside the VO community. FG is going to issue the possible list of members at a later date (at the InterOp meet later in October).

ACTION FM7-6.1 ALL: provide FG with suggestions as to who should be representatives on the IAU VO WG. Deadline 8 August 2003.

ONGOING: see above for ACTION FM7-6

ACTION FM7-7.1A BH: submit a report on lessons learned in populating a registry.

CLOSED: this report will take the form of a NVO poster paper at ADASSXIII.

ACTION FM7-7.1B TL: submit a report on experiences gained by AstroGrid in their implementation of a registry based on the RM v6 document.

CLOSED: TL reported that Anita Richards and Elizabeth Auden have posted comments to the IVOA registry mailing list. Additionally the AstroGrid Registry would be described in a paper at the ADASSXIII.

ACTION FM7-8A GTR: Set up the Grid and Web Services IVOA Working Group.

CLOSED: MD reported that the relevant mailing lists etc had been set up and that there would be a Grid and Web services session at the Oct Interop meeting in Strasbourg.

ACTION FM7-8B MD: redirect postings from <web@ivoa.net> to <grid@ivoa.net> and redirect the Web Service page <http://www.ivoa.net/twiki/bin/view/IVOA/IvoaWebServices> to a new grid page.

CLOSED: MD reported that this had been done.

ACTION FM7-9 NW: Submit proposal for an Astronomy Research Group to the GGF.

CLOSED: NW reported that the first meeting of the GGF Astro-RG would take place at GGF9 (see <http://www.ggf.org>) Oct 6 2003. This would be in the form of a BOF. If the RG was subsequently approved by the GGF, then the next meeting of the Astro-RG would be at GGF10 in Spring 2004.

ACTION FM7-10 BH: issue a Request For Comment (RFC) on the v0.1 stds process document. Aim to agree this as the process at the end Sept 2003 telecon.

CLOSED: see above at ACTION TM6-3

ACTION FM7-11A FG: investigate and report back on the legal status of IAU endorsed standards.

CLOSED: see above at ACTION TM6-6

ACTION FM7-11B TL: make IBM public license template available for use by VO projects if wanted

CLOSED: TL noted that the IBM license (now called the CPL - common public license) was linked from the IVOA web site.

ACTION FM7-13A ALL: email NW suggested additional SOC (June meeting) member names.

CLOSED: PQ asked whether the IVOA felt that there was a need for a self standing IVOA sponsored conference for summer 2004.

BH expressed some reservations, perhaps too many VO conferences now? ADASSXIII will have a strong VO focus. A science focused IVOA meeting 2004 may be too early.

NW suggested that the focus for 2004 should be on 'what the VO can do instrument builders'. In this case the VO meeting should perhaps be integrated into the June 2004 Glasgow SPIE meeting.

ACTION FM8-0B PQ - all VO projects should get back to PQ by Oct 10 2003 as to whether they would support a full June 2004 VO conference, or whether there should be a smaller scale input to the VO session at the SPIE.

[Update: 20031115 - this action closed as IVOA subsequently decided not to pursue a June 2004 meeting]

ACTION FM7-13B NW: investigate possible options for a meeting around the 20-25 June 2004 in SPIE Telescopes meeting in Glasgow.

CLOSED: NW reported that suitable locations located in either Glasgow or Edinburgh for week starting Mon 28 June 2004.

[Update: 20031115 - this action closed as IVOA subsequently decided not to pursue a June 2004 meeting]

ACTION FM7-13.1A BH: contact Ajit Khembavi to postpone a possible meeting late 03/early 04 in Pune until a later date.

CLOSED: AK suggested that the IVOA could aim for a Sep/Oct 2004 meeting in India.

ACTION FM7-13.1B FG, BH, NW: Act as the Interop Steering Group to organise next IVOA Interoperability meeting.

CLOSED: NW reported that the Oct 2004 InterOp agenda and meeting details linked were from
<http://www.ivoa.net/twiki/bin/view/IVOA/InterOpOct2003>

ACTION FM7-13.2 BH: organise IVOA Exec meeting at the end of this AAS meeting - thus 8 Jan (pm) plus 9 Jan 2004.

ONGOING: BH to finalise this.

ACTION FM7-15 BH/NW/FG/TL: Contact Solar/STP groups. BH will try to organise a telecon at some point (Oct 2003) to explore common ground.

CLOSED: consolidated with ONGOING ACTION TM6-5

ACTION FM7- Roy Williams /RN/NW/PQ - look into setting up video conferencing, perhaps based on a video-node at ESO.

ONGOING: RW noted that RVRS (see <http://www.vrvs.com/>) was used within the NVO project.

1. Roll Call

The participants - as listed above - introduced themselves.

2. Reports from the VO Projects

2.1 CVO

DS reported that the last period (post IAU) had been one of consolidation. Main current activities were concerned with providing full access to the SDSS and 2MASS data sets through the CVO.

2.2 AVO/Euro-VO

PQ reported that there had been two recent setbacks in acquiring funding for the Euro-VO through the EU FP6 programme. New funding routes/options are currently being explored. The aim is though to initiate Euro-VO activities in 2004.

The next AVO demo will be held Jan 27, 28 2004 at a location to be determined [NB: 20031115 - location now decided as ESO, Munich]

PQ noted that Paolo Padovani had recently been recruited to fill the post of AVO scientist, and that he would start 1 Dec 2003.

2.3 China-VO

CC reported that the China-VO was now well established as a nationwide project.

There would be a meeting (to which all were welcome) in Beijing, Nov 2003, focusing on the role of 'small VO projects' in the context of international VO efforts. PQ stated that he would attend this meeting.

2.4 JVO

MO reported that JVO had completed their second generation prototype.

New funding was assured from the NAOJ. A bid for external funds had been declined, but new proposals would be submitted Oct 2003.

2.5 India-VO

AK reported on continuing application package developments including upgrades to VOPlot. Overviews of activity would be presented at ADASSXIII.

The SDSS DR1 mirror has been installed in India. Discussions are underway with JHU as too simple SQL query generation tool developments.

2.6 Aus-VO

DB reported that the outcome for 2004 grant application would be known soon. A proposal to provide seed funding to support application developments had recently been submitted in the context of the Australian to eScience programme.

DB noted that the 2003 Aus-VO workshop would take place in Nov 2003.

2.7 NVO

BH reported on the last NVO team meeting in Victoria (Canada). They had selected the NVO science demo project for the AAS Jan 2004 demo. This would revolve around access to theory simulation data (related to the formation and structure of globular clusters). This activity was being led by DY and Peter Teuben.

There was lots of activity in terms of registry development.

Year 3 funding had recently been approved by the NSF. There would be a Meeting with NASA as to the focus of possible joint NSF/NASA funding.

2.8 AstroGrid

AL noted that the AstroGrid Iteration 03 release would be issued end Sep 2003. Most of the AstroGrid infrastructure foundations would then be in place.

The AstroGrid Science Advisory Groups had been formed, and these together with the AstroGrid beta testers, would be actively involved in science testing of the AstroGrid products.

2.9 VO-F

FG noted that the VO-F would be working to develop the links between

IT and Science activities in France. There would be a two day forum at the Paris Observatory in November 2003 to address these issues.

2.10 DRACO (Italy)

FP indicated that DRACO was an integral component of Italy's national grid project. An initial focus would be VO enabling access to the TNG data archive. DRACO would be seeking to improving links with the Italian Space Agency Data Centre, through, for example joint use of IVOA interoperability standards.

2.11 RVO

OM reported that new cross correlation services had been developed within the RVO - aimed at supporting mining of RVO data sets. An update of RVO activities had appeared in a recent journal publication.

Collaborative efforts were underway with a number of other projects. There would be a conference concerning 'Digital Libraries' in Moscow, Oct 2004. RVO would be attending a joint meeting with Bulgarian colleagues in Sofia later in the year.

2.12 GAVO

WV reported on the GAVO links with CVO, who, through the CADC, were publishing ROSAT data. Services to provide a probabilistic catalogue matcher to id Xray sources were under development in a collaborative effort with the US Class-X team.

GAVO were investigating data models for simulation datasets.

2.13 General Comments

It was noted that it would useful if there was an up to date calendar of meetings being organised by IVOA projects. Also a repository of links to relevant publications.

ACTION TM8-2.13A MD/ Marco Leoni: set up a IVOA meetings calendar page on the IVOA web site

ACTION TM8-2.13B MD/ Marco Leoni: set up a IVOA publications page on the IVOA web site.

3. October 2003 meetings: ADASS and Interoperability Strasbourg:

PQ noted that it was very good that there is lots of participation at the interoperability meetings. However, in view of the large attendance registered for the Strasbourg meeting, it is important that the two day time slot is organised to maximise progress of the IVOA working group activities.

FG reported that the ADASSXIII has 350 people registered, the largest ever for an ADASS. Marc Wenger at CDS is chair of the LOC.

120 people are registered for the 16+17 Oct 2003 InterOp meeting. BH has drawn up the draft agenda, the final agenda would be posted to the Wiki page by Weds 1 Oct 2003.

BH noted that the chairs of the working groups would need to control

the sessions to ensure that progress is made. PQ would contact the WG chairs such that they are aware of priorities.

NW commented that it was important that all relevant papers and notes from the meetings be made available on the Strasbourg InterOp Wiki pages (as had happened for the May 2003 Cambridge InterOp meet).

PQ noted that a significant outcome from the InterOp meet would be to agree on a registry draft, such that this could be used to work against in developing the Jan 2004 demos (NVO, AVO etc).

4. Planning for January 2004 VO demos

BH: NVO JAN 2004 demo, an ambitious demo with a number of complex issues related to simulations of globular cluster data sets (generated from Grape processors). Static views would be generated with a limited number of particles. These would be convolved with filter profiles etc and compared with observation data.

Moving data in the simulation into something that can be interoperated with would be challenging. The current think was to use existing (theory) tools to do the data manipulations then move this into a VO format. JHU were leading work in generating filter profiles, convolutions with PSF's, image generation from the 'mock' data.

The demo is not yet written up, but this would be available by the end of Oct 2003 from the NVO web site.

MD reported on the likely AVO demo with a focus on access and manipulation of spectral data. The demo was currently in the definition phase. It will make use of AstroGrid infrastructure such as MySpace and Registry components. There will be a strong focus on delivering a demo product that would be able to deliver science. Details of the demo are available at <http://www.euro-vo.org/twiki/bin/view/Avo/SwgDemo2004>

PQ commented that the smaller VO projects should consider their demo projects for early 2004.

5. IVOA Calendar 2003/2004

PQ noted the following key dates that he was aware of:

- 2003 Oct 16+17 : Interop meeting Strasbourg, France
- 2003 Nov 26/27/28 : Small projects meeting in Beijing, China
- 2003 Nov : Australia-VO project meeting

- 2004 Jan 4-8 : AAS, Atlanta, USA
- 2004 Jan 8+9 : IVOA meeting, Atlanta, USA
- 2004 Jun 21-25 : SPIE Astronomical Telescopes, Glasgow, UK
(plus possible IVOA meeting)
- 2004 Oct 24-27 : ADASSXIV, Pasadena, USA

ACTION TM8-5 ALL - advise NAW of any upcoming VO related meetings - for inclusion in the IVOA calendar.

5.1 InterOp's 2004

There was some discussion as to the dates and locations for the 2004 Interoperability meetings.

NW suggested that a reasonable cycle would be for a Spring 5 day full meeting to make significant working group progress. The autumn 2 day meeting associated with the ADASS would be used to bring to a close certain standards as developed through the year,

The was AGREED as a good model.

ACTION TM8-5.1 PQ: Propose dates, locations for 2004 InterOp meetings.

6. AOB

ACTION TM8-6 PQ: Arrange next telecon for late nov 2003

The meeting closed 14.10 GMT

7. List of TM8 Actions:

ACTION FM8-0A TL to circulate link to definitive IVOA draft license.

ACTION FM8-0B PQ - all VO projects should get back to PQ by Oct 10 2003 as to whether they would support a full June 2004 VO conference, or whether there should be a smaller scale input to the VO session at the SPIE.

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ACTION TM8-5.1 PQ: Propose dates, locations for 2004 InterOp meetings.

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