

Science in Stage 3

Nicholas Walton (IoA, Cambridge)

VOTC Project Scientist

Stage 2 Recap

- Significant progress has been made within VOTECH in Stage2
 - interoperability of desktop applications via Plastic
 - wider availability of applications within CEA
 - new tools
 - e.g. SPECFIND, Footprint server
 - improved applications
 - e.g. TopCat, VisIVO
 - user defined front-ends to VO infrastructure
 - e.g. Anomaly Detection
- Functionality is now there ready to be used ...

Into Stage3

- Apr-Sep 2006 covers the significant Aug 2006 IAU General Assembly
 - opportunity to showcase Euro-VO and VOTECH
- Apr-Sep 2006 is time for science use of VO systems
- VOTC SciTeam have defined two key science cases to demonstrate how VOTECH capabilities can facilitate science
 - <http://wiki.eurovotech.org/bin/view/VOTech/VotcSciStageTwo>
 - These will be presented at the IAU VO Special Session
- Key issue in Stage 3 will be using the current capabilities as of Stage2, but ...

Science Requirements in Stage 3

- Make what we have work
 - reliable
 - robust
 - resilient
- Document what we have
- Test what we have
- Thus, Stage 3 maybe a time to consolidate the developments from Stage2
 - add in new functionality in a controlled fashion
 - ensure that the more successful VOTECH capabilities are sufficient to support significant real astronomical use in the coming months