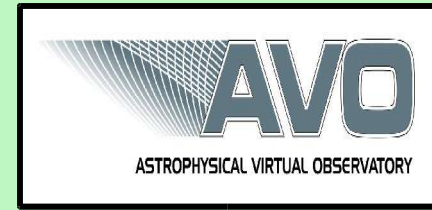
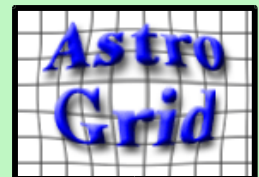


AVO WA3 report

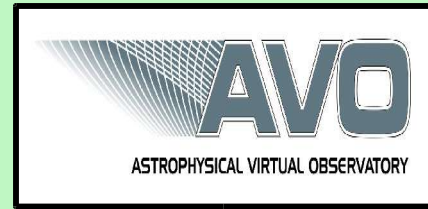
Dec 2003



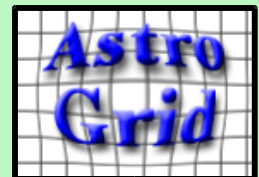
- Personnel
- AstroGrid status
- Work towards demo
- Milestone progress
- VOTC



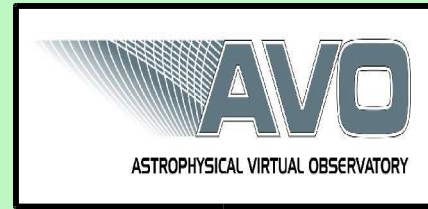
Personnel



- Hill returned from Iraq
 - mostly working on data access layer
- Maxwell died
- Taylor hired
 - various areas
- Davenhall hired
 - concentrating on network analysis task
- home funded effort : 3.3 FTE
- extra effort from AstroGrid
 - as required



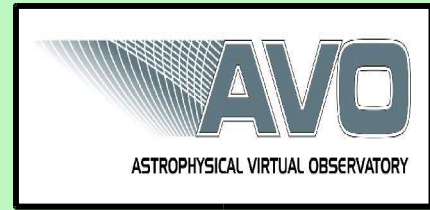
AstroGrid status



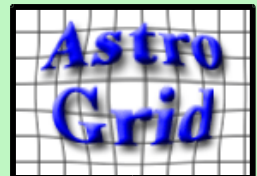
- 4/8 cycles (almost) complete
- working infrastructure components
 - Registry, MySpace, Data Access, Portal
 - Workflow, Community soon
 - intention is this is all available to AVO
- continued research
 - grid middleware ; experimental grid services
 - DBMS and datamining tests
 - aimed partly at AVO deliverables
- AG2 proposal 2005-2007 under review
 - more infrastructure; ontology; agents; datamining; visualisation



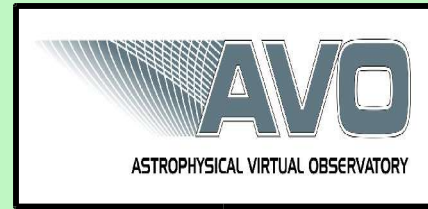
January demo



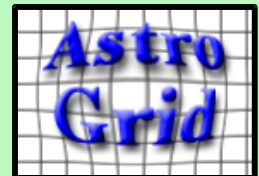
- contributions to date large but indirect
 - infrastructure components, eg Registry
- extra short cycle in January (Itn-04.1)
- aimed explicitly at delivering AVO demo
- all hands on deck !



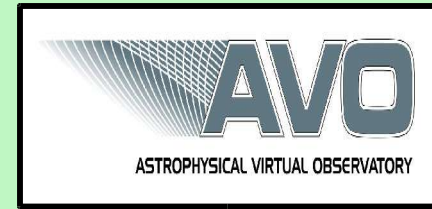
milestones 2002



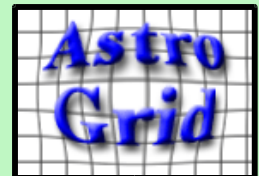
- Nov : deploy trial hardware
 - ABANDONED : under resourced
- Nov : benchmark network tasks
 - DONE : report by Rixon Dec 2002
- Nov : benchmark datamining tasks
 - DONE : part of AstroGrid Phase A report.



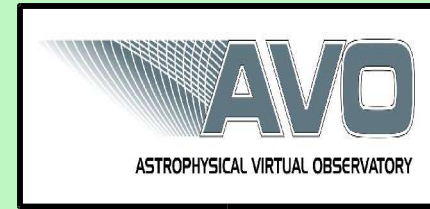
milestones 2003



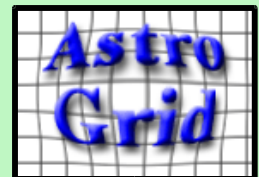
- May : DBMS assessment report and reccs
 - NEARLY DONE : draft by Page this meeting ; final report Xmas
- Nov : Middleware assessment report and reccs
 - NEARLY DONE : draft by Rixon this meeting; final report Xmas
- Nov : demonstration of working datagrid
 - DONE : achieved with other WAs in January 2003 demo
- Nov : working datamining system for use by external users
 - DONE : achieved with other WAs in January 2003 demo



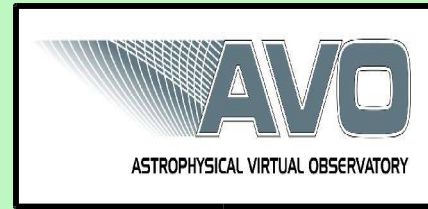
milestones 2003 contd



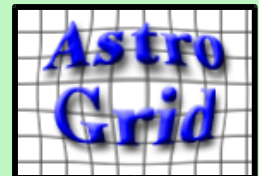
- Nov : network analysis report
 - SLIPPED : no spare resource until Davenhall hire
 - now running tests across UK , across Europe shortly
 - issues : TCP buffer tuning; GridFTP speed up; route tracing across partners; bottleneck identification
 - aimed at real practical recommendations
 - target report by April
- Nov : storage assessment report and reccs
 - SLIPPED : Wicenec collecting more info from partners
 - target draft report January; final report February



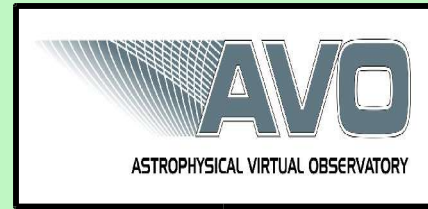
milestones 2004



- May : Architecture Assessment Report
 - take this seriously
 - need a real implementation plan for initial Euro-VO

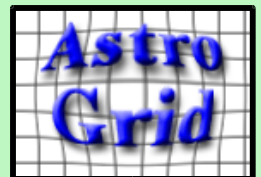
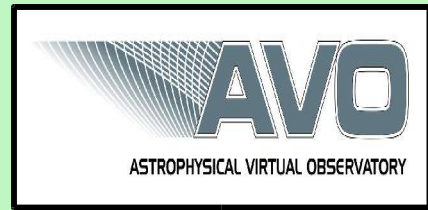


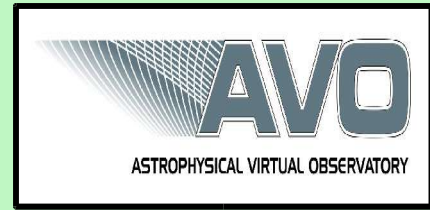
the VOTC



- Euro-VO plan calls for creation of VOTC
- WA3 work segues smoothly into this
- AstroGrid opinion: Infrastructures-4 RG DG call (Mar 04 2004) appropriate vehicle for VO-TC under 'design studies – technical preparatory' label
- regardless of funding, in 2004-5 should start to make this a reality
- expected AG2 funding and CDS resource can already form the nucleus of this







Infrastructures-4

- Through the design study element
 - Technical preparatory work
 - 1-9M euro for a project at 50% funding from EU
 - VOTC work to carry out design and technical preparatory work to include VO's euro-wide
- Aim to exploit EGEE EU framework
 - Applications meeting Paris 18 Dec

