

China-VO Progress Report for IVOA TM14

Since last telecon, there are some progresses in the following fields from China-VO.

Position: A senior developer (or technical lead) position is available here. The application deadline is April 15. We hope to look for an expert on Grid (as Guy, ^_^), but it seems very very difficulty.

Training: A self-study internal training has been held successfully from March 7 to 18, 2005 in the National Astronomical Observatory. All the graduates in the China-VO group attended the study. The study has been divided into three parts. First of all, we studied most of IVOA standards and protocols in detail. Second, we tested the prototype of Astrogrid and repeated some demos of AVO. Unfortunately, the new release of Astrogrid is not available yet, several service modules can't be tested. Thirdly, we also studied the installation of GT4 and grid service developing.

Hardware: A DAS system was configured in our data center. The storage system consists of two disk arrays (SATA 250GB*16*2) and a dual Intel XEON CPU server. The total disk space is about 8TB. All of data here have been copied to the new system, including 1TB catalogs in MySQL database files and about 3TB images and other archives.

China-VO prototype: "Galactic spiral arm structure study using 2MASS early-type stars", the first China-VO public prototype is under detailed design and initial developing at both National Astronomical Observatory and Computer Network Information Center, Chinese Academy of Sciences. If everything goes well, the demo will be showed at China-VO annual meeting in fall or in early winter.

Application: VO-oriented visualization applications with similar functions to PGPLOT and VOPlot are under design and developing at Tianjin University.

Collaboration: Mr. Zhongao Zhang, a young astronomer from Taiwan, is visiting China-VO right now. When he returns Taiwan, they are going to setup a small VO team to develop VO interface for TAOS (Taiwan American Variable Sky Survey) archive.