Tools & Software

These projects center on software packages, tools, and portals that deal with VO-compliant services and data formats. They can include web server components for VO-compliant data services; parsers, editors and viewers of VOTable, VOResource, and other formats; problem-solving environments; and portals to remote compute-intensive services.

Title	Contact	Description
Aladin	Pierre Fernique	Interactive federated sky atlas
Atlasmaker	Roy Williams	Grid software for bulk image resampling
Globular Cluster Theoretical Models	Peter Teuben	This prototype allows the user to select a globular cluster simulation and compare it to observed color-magnitude diagrams.
Mirage	Tin Kam Ho	Multi-dimensional visualization of data from VOTable source file
Montage	Bruce Berriman	Science-grade custom mosaics from a portal
Pegasus	Ewa Deelman	Workflow Management on the Grid
PHP VO Client Library	Shui Hung Kwok	A collection of PHP classes that implement interfaces to Cone Search, SIAP, SkyNode, SkyPortal, and VORegistry.
Python VO Client Library	Shui Hung Kwok	A collection of Python classes that implement interfaces to Cone Search, SIAP, SkyNode, SkyPortal, and VORegistry.
Specview	Ivo Busko	Visualization and analysis tool for 1-D astronomical spectrograms.
STC Metadata	Arnold Rots	Space-Time Coordinate metadata for the VO
TOPCAT	Mark Taylor	Viewer and editor for tabular information
VO Services	Tamas Budavari	A growing selection of VO services in production
VOPlot	Sonali Kale	Tool for visualizing astronomical data from VOTable sources
VOSpec	Pedro Osuna	A Tool to Handle VO-SSAP compliant Spectra

VOTFilter	Chenzhou Cui	XML filter for OpenOffice Calc to Read/Write VOTable Files
Web Enabled Source Identification with Cross Matching (WESIX)	Simon Krughoff	Upload images to SExtractor and cross-correlate the objects found with selected survey catalogs.
