



VIRTUAL ASTRONOMICAL OBSERVATORY

Grid and Web Services

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The VAO is operated by the VAO, LLC.



VOEvent

- **VOEvent 2.0:**
 - Include tabular data – lists, ephemerides, probability maps, ... – using <Table>
 - References with semantic links (type = “dereferencable URI”)
 - simpleTimeSeries (Brewer and Bloom, UC Berkeley)
- Concerned expressed about bespoke time series representation that does not mesh with IVOA time series work
 - Issue for TCG?



Grid and Web Services

- **VOSpace 2.0:**

- Transfer/search representation to initiate transfer/search job
- Allow ‘~’ as well as ‘!’ as delimiters in vos:// URIs
- Core properties for access control:
 - Owner read/write, group read, group write, public read
- Quota, available space properties
- Review which parts are mandatory? Revise conformance matrix to show what goes with what
- Code at OpenCADC

- **SSO/CDP:**

- List of IVOA certificate authorities

- **REST Basic Profile**



Grid and Web Services

- **UWS:**

- Java library at CDS
- New phases: Run, Progression
- Multiple job lists
- Multiple users (isolate them)
- JSON format

- **VOSI:**

- Mandates **all** VO services provide capabilities and availability interfaces

- **GMS:**

- Mailing list discussion about common interface