



ESO DS3 Plans for Cycle 4

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VOSpace



- Continue to develop NGAS based implementation - intention to prototype VOSpace 2
 - Containers
 - Search interface
 - More asynchronicity
 - More transport protocols
- Contribute to the IVOA Standard document
- Use the VOSpace as basis for Science Archive Facility (SAF) upload functionality.

SSO



- Extend web portal SSO to VO wide SSO
 - Essential for secure VOspace use
 - Try to use CAS authentication token to obtain MyProxy certificate.
- Hope to support
 - ESO user without pre-existing VO credentials
 - VO user without pre-existing ESO credentials
- Some experimentation with authorization
- Contribute to IVOA standardization efforts

UWS



- Mainly schema work. Contribute to IVOA standards/schema for
 - VOApplication 1.0
 - CEA 1.0
- Experimentation with co-location of VOspace server and CEA server