

# Grid and Web Services Working Group

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## Two newly approved document version updates!

- Single Sign-On (SSO 2.0)
- VO Support Interfaces (VOSI 1.1)

Many thanks to Giuliano Taffoni, Pat Dowler, Mark Taylor, Markus Demleitner, and the entire GWS Working Group.

## GWS Session Overview

- Really strong participation – very much appreciated – please carry over this enthusiasm to the mailing lists
- Initiate discussions on each of the topics on mailing list
- Session 1, Technologies: Spark, Docker, Jupyter Hub, OpenStack, LDAP, Singularity,
- Session 2, VOSpace, Authentication and Authorization
- André Schaaff, François-Xavier Pineau, Petr Skoda, Giuliano Taffoni, Sara Nieto, Madjid Bouchair, Sara Bertocco

## Code to Data / Remote Execution Effort

- Containers
- API must describe:
  - Code
  - Parameters
  - Reference Data
  - Execution environment
- Publications / Reproducibility
- Cannot not impede/dictate workflow
- Machine learning
  
- **Call for prototypes!**
- Mailing list

# Group Membership Service (GMS) Standardization

- Groups of Groups
  - Concept to be added to the model
  - This will make it optional for implementors
- Simple API
  - boolean isMember(groupURI)
  - list<Group> getMembership()
    - membership information privacy to be considered
- Common Pattern identified for making VO service calls
- Pattern can be applied to GMS / CDP requirements
- Attention to ensuring trust between GMS authorities

## VOSpace 2.1 RFC

- RFC period ended yesterday—to be extended
- Please submit your comments as soon as possible!

## Known VOspace Implementations

VOspace Host / Authority	Specification Version
China-VO	2.0*
CADC	2.1
OATS-INAF	2.1
ESAC	2.1
CDS	2.1
NOAO	2.0

# GWS Monthly Telecons

One hour:

- 30 minutes – Containers
- 30 minutes – VOSpace

To be announced over the GWS mailing list



## Roadmap to Santiago – End of October

### Priority 1:

- Remote Execution (Code to Data) – Prototypes!

### Priority 2:

- Recommendation for Federated Authentication
- Group Membership Service Working Draft
- VOspace 2.1 – React to RFC feedback

### Nice to have:

- Note on how to implement a very simple VOspace
- Note on pattern of making VO Service calls
- Note giving examples of using methods in SSO 2.0

Mailing list to be used extensively. Lots of work to do!  
[grid@ivoa.net](mailto:grid@ivoa.net)



# Thank you

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