

# GWS Working Group Closing

Jesús Salgado & Sara Bertocco



# P3T Tiger Team – DAL/GWS

- Upgrade technologies of IVOA protocols
- Use of OpenAPI
  - Machine readable interfaces, Clearer Specifications, Faster Development , Community Involvement , Automated Documentation ,Potential for Validation, Testing, Version Control
- Generally considered a good initiative
- Phase 1 – Evaluation of impact

```
paths:
  /:
    get: ...
    post: ...
  /{job-id}:
    parameters: ...
    get: ...
    post: ...
    delete: ...
  /{job-id}/phase: ...
  /{job-id}/executionduration: ...
  /{job-id}/destruction: ...
  /{job-id}/error: ...
  /{job-id}/quote: ...
  /{job-id}/parameters: ...
  /{job-id}/results: ...
  /{job-id}/owner: ...
```

URI	Description
/jobs	the Job List
/jobs/{job-id}	a Job
/jobs/{job-id}/phase	the Phase of job {job-id}
/jobs/{job-id}/executionduration	the maximum execution duration of {job-id}
/jobs/{job-id}/destruction	the destruction instant for {job-id}
/jobs/{job-id}/error	any error message associated with {job-id}
/jobs/{job-id}/quote	the Quote for {job-id}
/jobs/{job-id}/results	any results of the job {job-id}
/jobs/{job-id}/parameters	any parameters for the job {job-id}
/jobs/{job-id}/owner	the owner of the job {job-id}

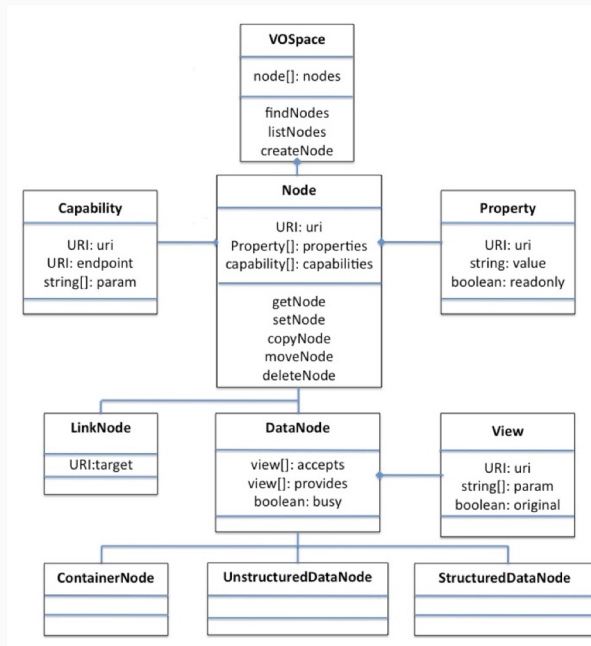
# GWS WG Session -

Tuesday May 21, 2024 14:00-15:30

GWS Session: Tuesday May 21, 2024 @ 14:00-15:30 Room C120/121			
Speaker	Title	Materials	Time
Pat Dowler (local)	VOSpace update	<a href="#">pdf</a>	12'+3
Sara Bertocco (remote)	SSO spec restructure	<a href="#">pdf</a>	12'+3
Pierre <a href="#">LeSidaner</a> + Albert Shih	AAI: Eduteams	<a href="#">pdf</a>	12'+3
Vicente Navarro (remote) + Christophe Arviset (local)	<a href="#">DataLabs</a> and proposals of connectivity to other Platforms	<a href="#">pdf</a>	12'+3
Dave Morris (local)	Execution Broker (previously known as Execution Planner)	<a href="#">pdf</a>	12'+3
Yan Grange (remote)	Execution interface Prototype	<a href="#">pdf</a>	12'+3

# VOSpace-next - Pat Dowler

- VOSpace possible enhancement
  - Paging Optional
  - Transfer negotiation simplification
  - Add files endpoints
  - First class JSON support
- Intended to follow P3T developments before next WD

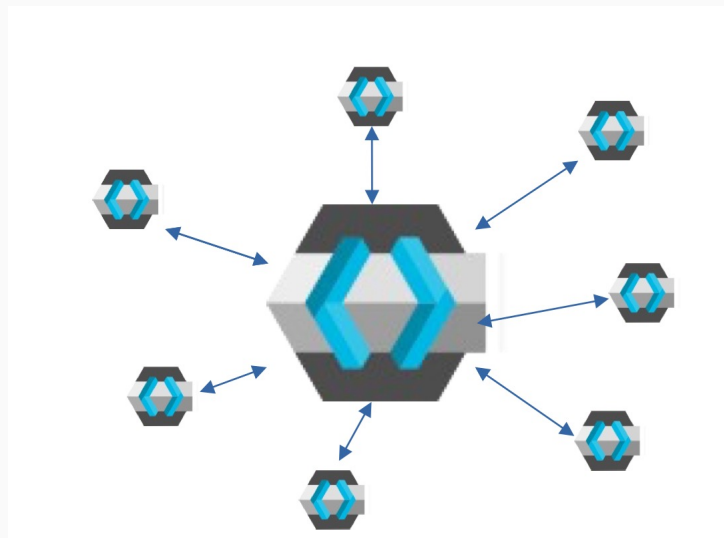


# SSO Specification Restructure - Sara Bertocco

- Feedback received for a complete doc restructure
  - Text with unclear tech use
  - Non interoperable SSO profile
  - It could be rewritten from scratch to document how non-browser clients can interact with authenticated services
  - Small number of SSO servers (aka proxies in AAI) could be well-known to clients
  - OAuth/OIDC techniques
  
- Sara Bertocco to start the draft of SSO-next including feedback

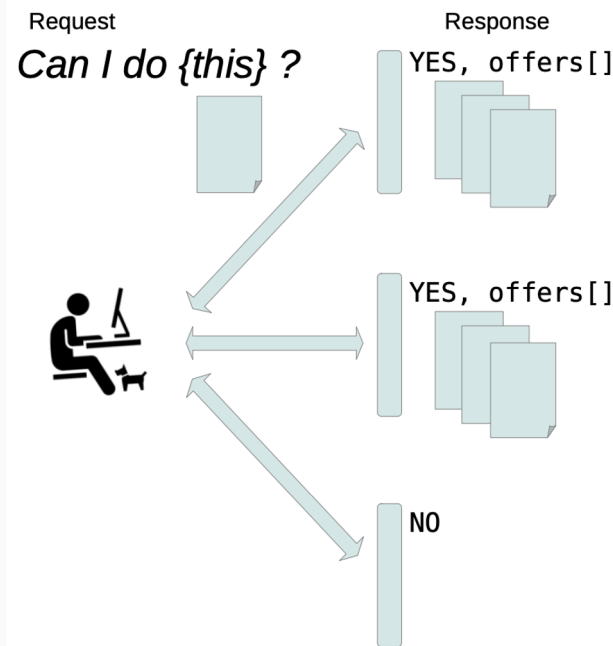
# Test EDUGAINS AAI A POC – P. Le Sidaner & A. Shih

- Presentation and demo of global AAI system
- Questions open on how to create a global federated authentication system for partners
- Really relevant for future of interoperability between science analysis platforms



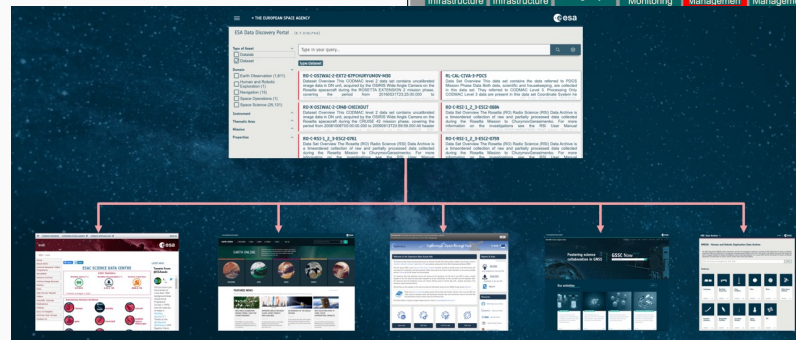
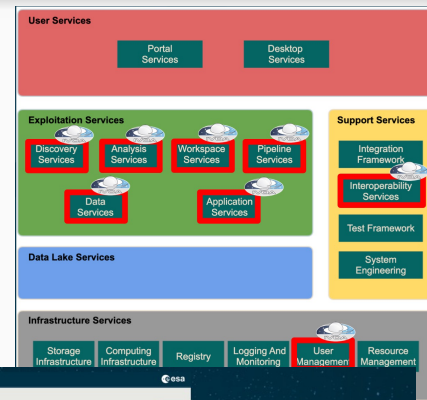
# Execution Broker - Dave Morris

- Update of status of Execution Broker
  - Previously known Execution Planner
- Delegation of possible execution to individual platforms to scale
- Considerations of
  - Computing resources
  - Services
  - Data proximity
- Standard and prototype in parallel during next months
- Linked to P3T effort



# DataLabs – Vicente Navarro (offline)

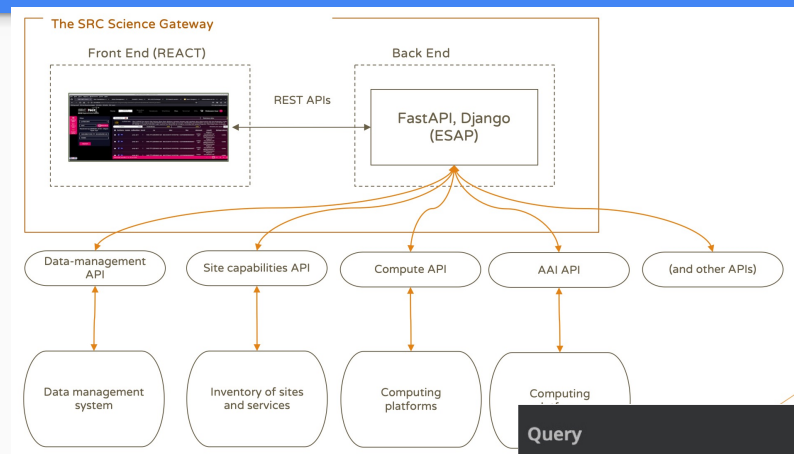
- Nice example of how to use VO protocols and new technologies to create a science platform
- Fully focused on users to create science
- Open questions on how to integrate with other platforms
- Already, connected to ESA science platforms ecosystem





# Execution Interface – Yan Grange (offline)

- Developed in the context of the SRCNet development
- Abstract Execution Interface using tokens
- Can be implemented on top of different infrastructures
- Pilot project:
  - Remote execution of a source extraction algorithm
  - Start remote visualizer service
- Plan for next 3 months:
  - Integrate with Execution Broker prototype



**Query** ✓

**POS** Query for general compute availability.

**Submit** ✓

**PUT** Query for general compute availability and provision resources.

**PUT** Submit job for the provision.

**GET** Status information for a submitted job.

# Thanks!

Contact us:

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