

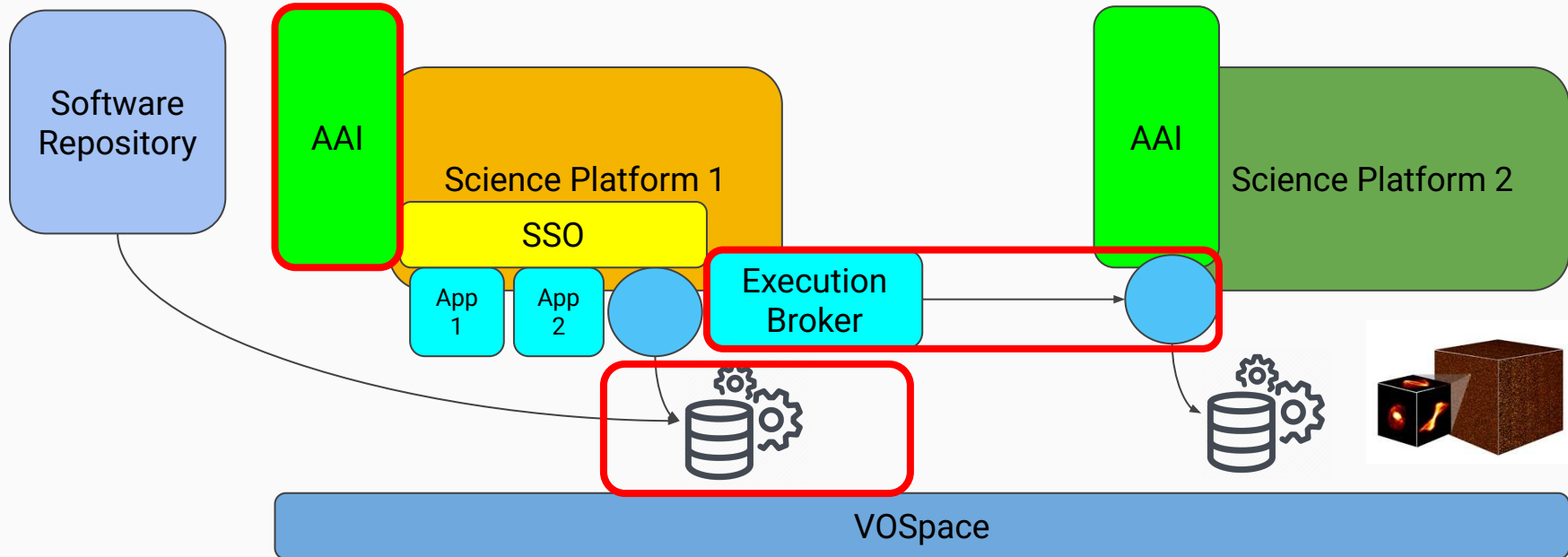
DSP Working Group Opening

Jesús Salgado & Sara Bertocco
Maryland, June 2025

DSP

- Yes,... finally the new name is in place
 - DSP (Distributed Services and Protocols)
 - <https://wiki.ivoa.net/twiki/bin/view/IVOA/DistributedServicesAndProtocols>
 - Authentication and Authorization, Credential Delegation
 - Workflow Execution, Management, Analysis, Provenance. Execution Interfaces and APIs
 - User Data Interchange and User Areas
 - Cloud Technologies and Deployment

During this meeting



DSP WG Session -

4th June 2025 9:00-10:30 EDT / 13:00-14:30 UTC

Speaker	Title	Time
Dave Morris (Remote)	Execution Broker Update	9:00–9:15
ZHANG, Zhen (Remote)	Experiences and Lessons Learned from EP Scientific Workflow	9:15–9:30
Baptiste Cecconi	Workflow Orchestration for Radio Interferometric Imaging using EXTRACT	9:30–9:45
Joshua Fraustro (In person)	Generation of Code from OpenAPI	9:45–10:00
Mark Taylor (Remote)	IVOA Authentication	10:00–10:15
Adrian Damian (Remote)	Towards Federation of CADC AA&I	10:15–10:30

Also: Firefly on CANFAR, Brian Major (presentation at the DSP page)
A quite busy session this time

Ongoing Standards

- Execution Broker
 - Prototyping ongoing at SRCNet level
 - How to align these efforts with existing workload systems already in place?
- (New) IVOA Interoperable Authentication Protocol (IAP) (M. Taylor et al)
 - Standard methods for VO services to advertise authentication mechanisms
 - Introduces VO-specific schemes: ivoa_cookie and ivoa_x509
 - Supports discovery and use of authentication by non-browser clients using only a URL
 - Brainstorming Discussion session to be done after the interop

Thanks!

Contact us:

grid@ivoa.net

