

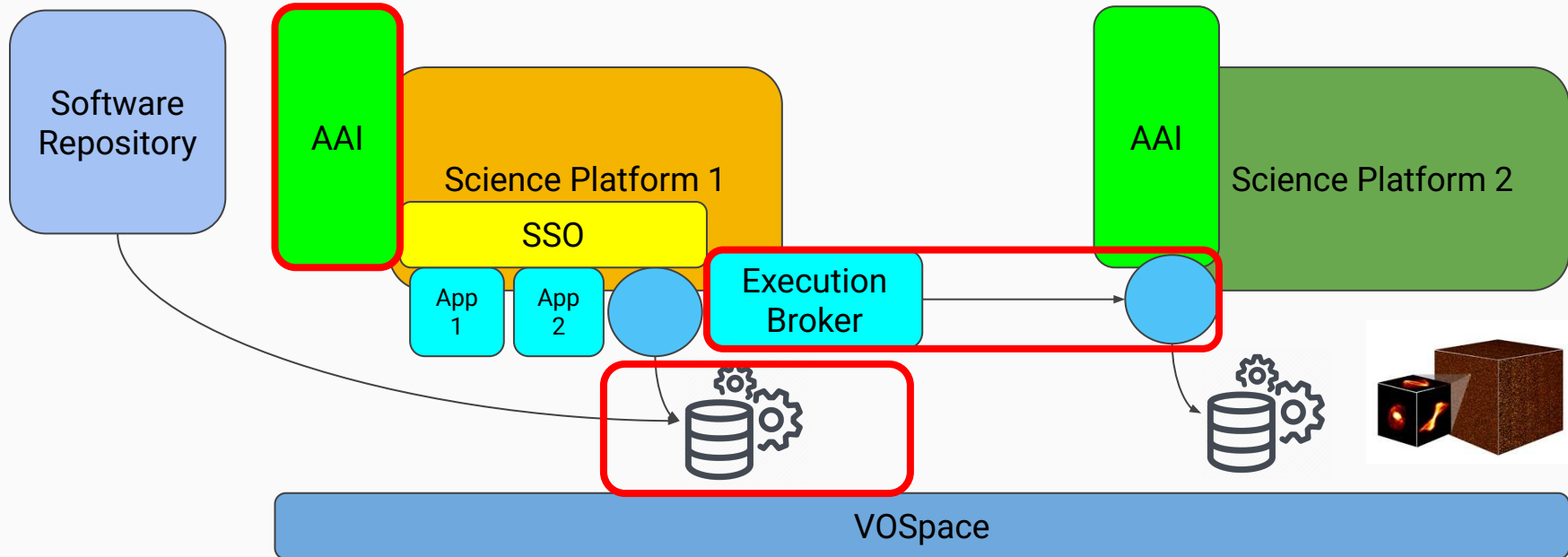
DSP Working Group Opening

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



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

DSP WG Session -

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

Speaker	Title
Dave Morris (Remote)	Execution Broker Update
Joshua Fraustro (In person)	Generation of code from Open API
Mark Taylor (Remote)	IVOA Authentication
Adrian Damian (Remote)	Towards Federation of CADC AA&I
Brian Major (Remote)	Firefly on CANFAR
Marcos Lopez-Caniego (Remote)	ESA Data Labs

Operations-DSP Joint Session -

5th June 2025 11:00-12:30 EDT / 15:00-16:30 UTC

Speaker	Title
ZHANG, Zhen (Remote)	Experiences and lessons learned from EP scientific workflow
Baptiste Cecconi	Workflow orchestration for radio interferometric imaging using EXTRACT

Thanks!

Contact us:

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