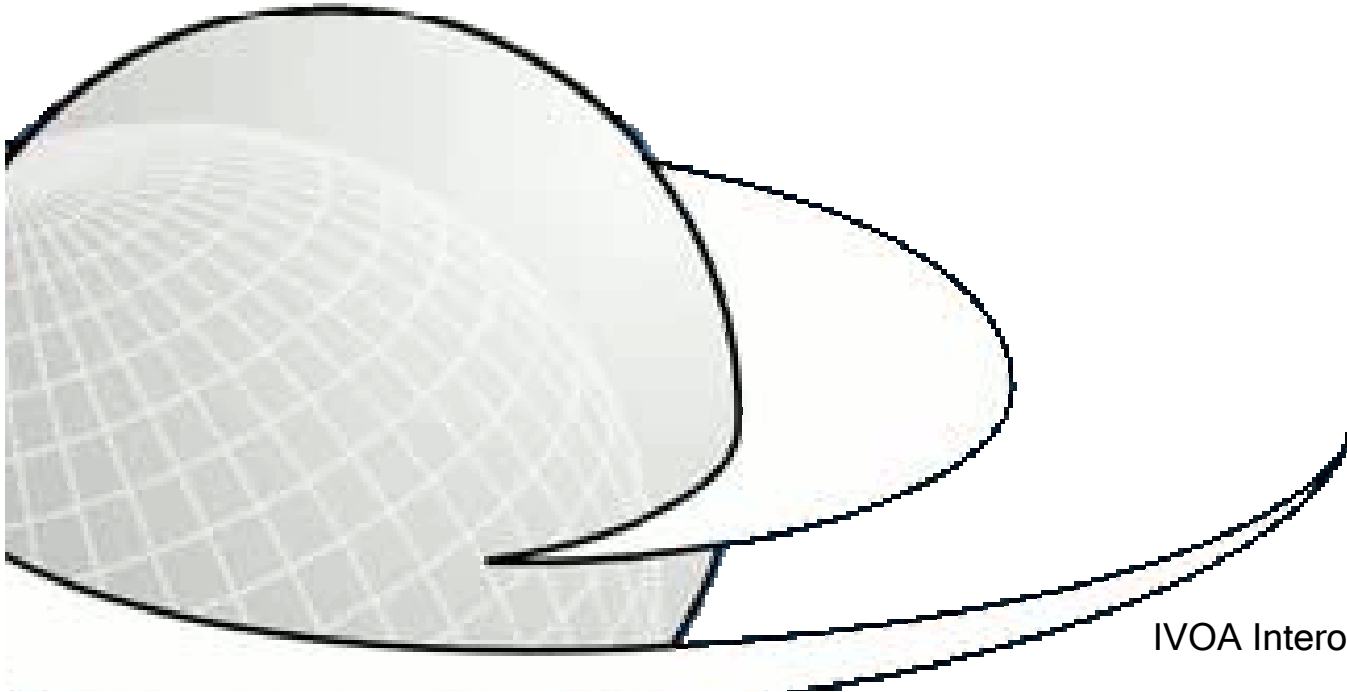


THE INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE

Resource Registries

Opening Plenary



25 May 2009
IVOA Interoperability Meeting -- Strasbourg

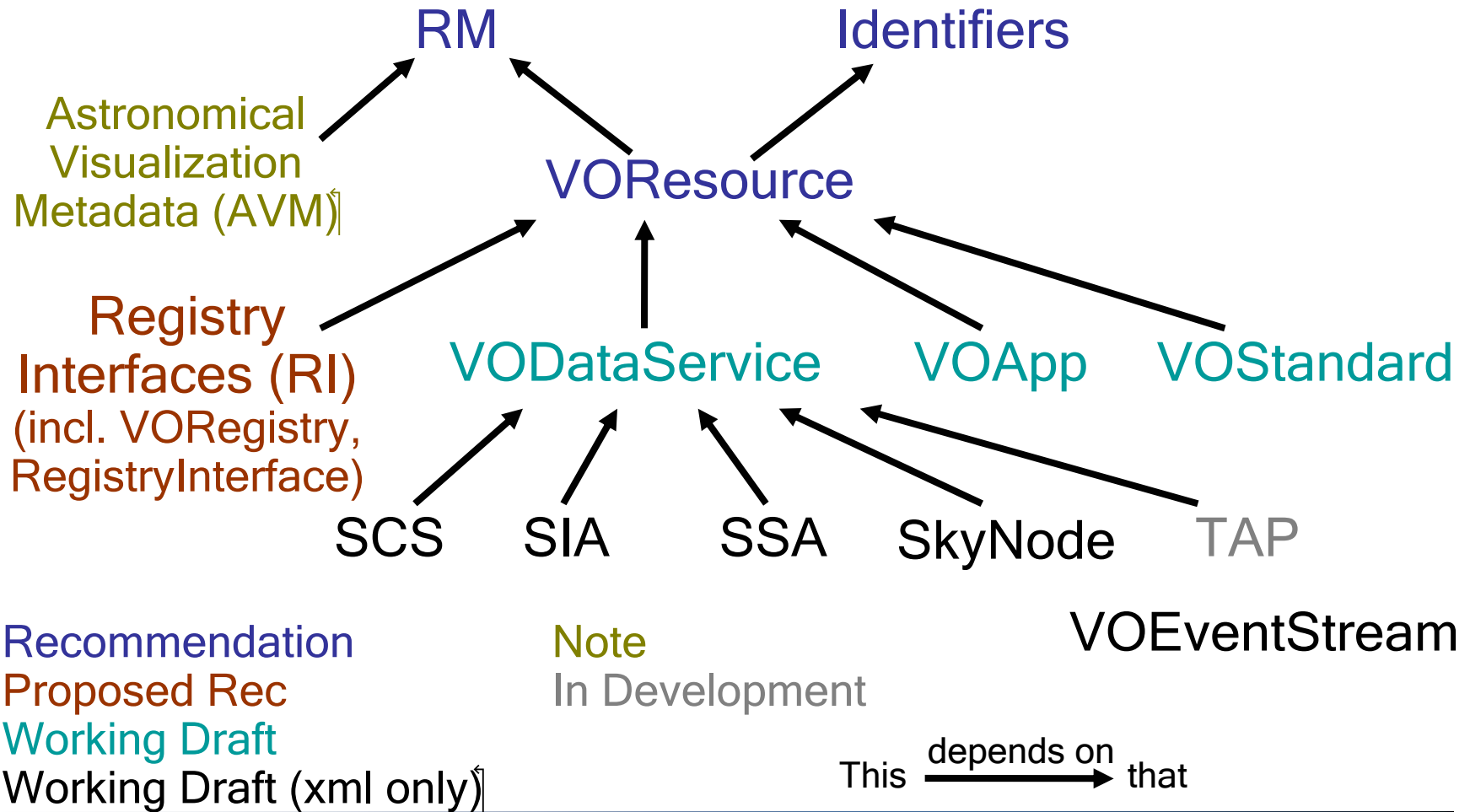
Registry Sessions



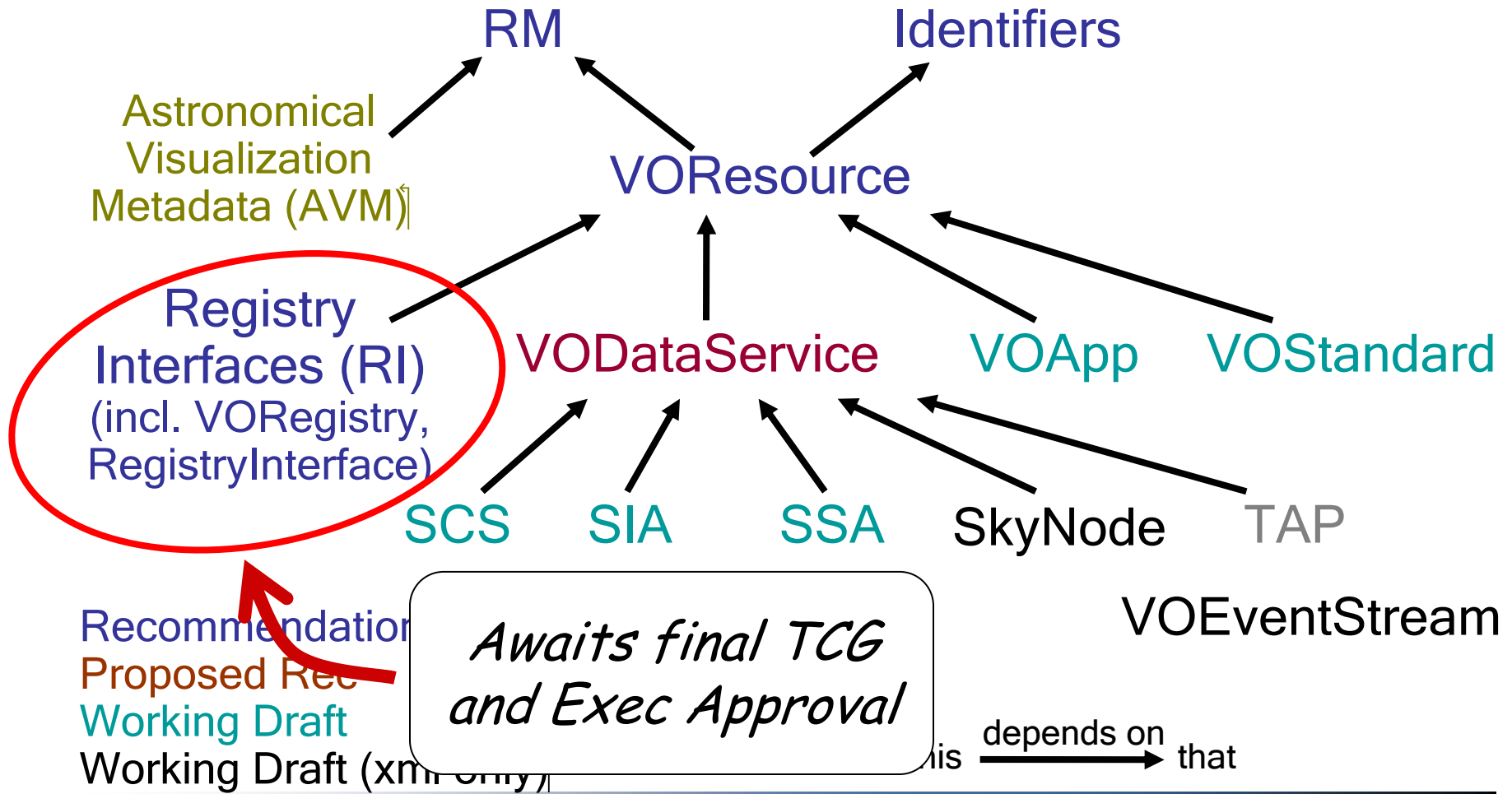
- Session 1: Monday 16.00 - 17.30
 - Registry Interoperability Issues
 - Standardization Roadmap
 - Future Directions
- Session 2: Tuesday 14.00 - 15.00
 - VODataService, TAP, and VOSI
 - VOStandard
- Session 3: Thursday 11.00 - 12.30
 - Curation Practices and Tools



Standards Dependencies

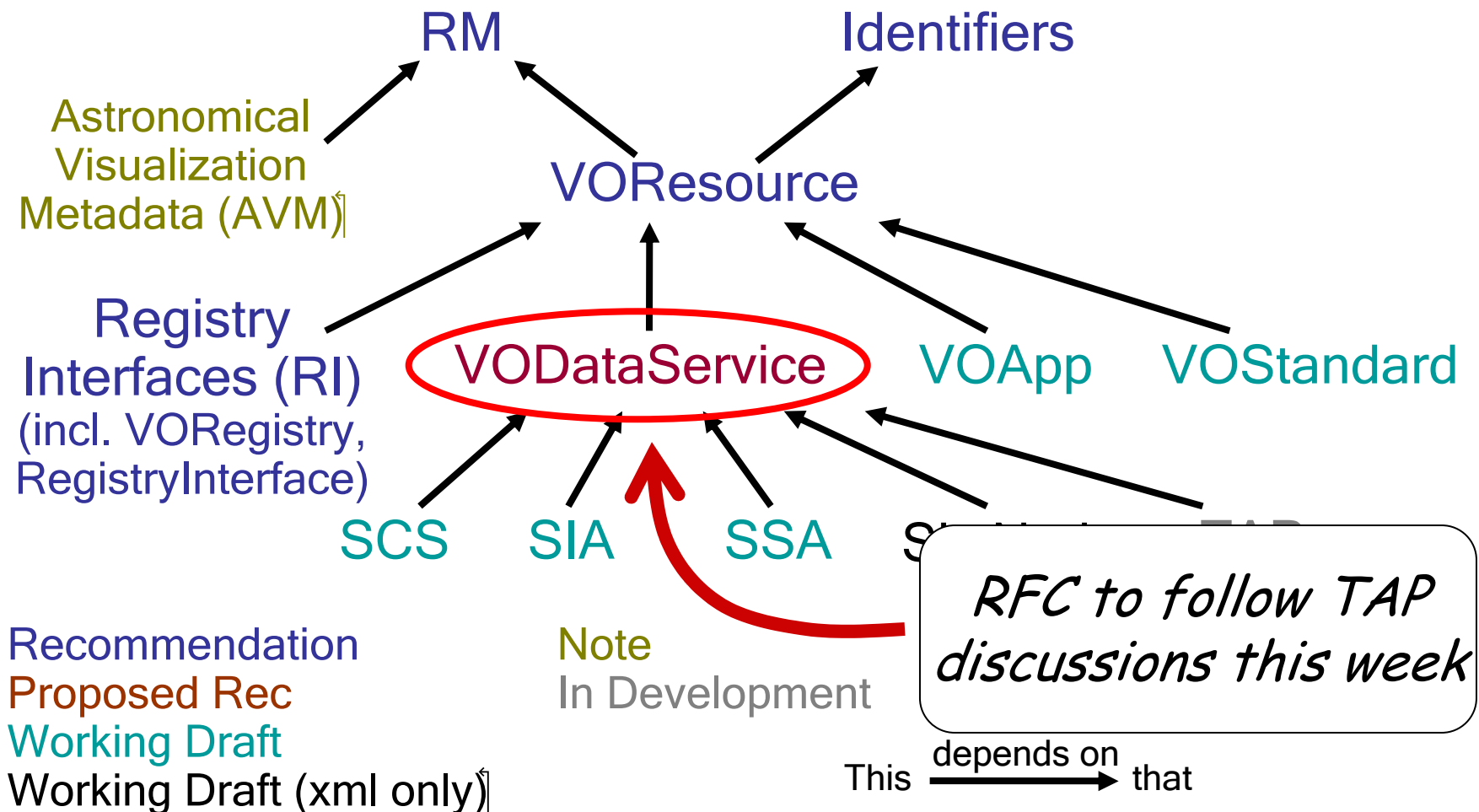


Standards Dependencies



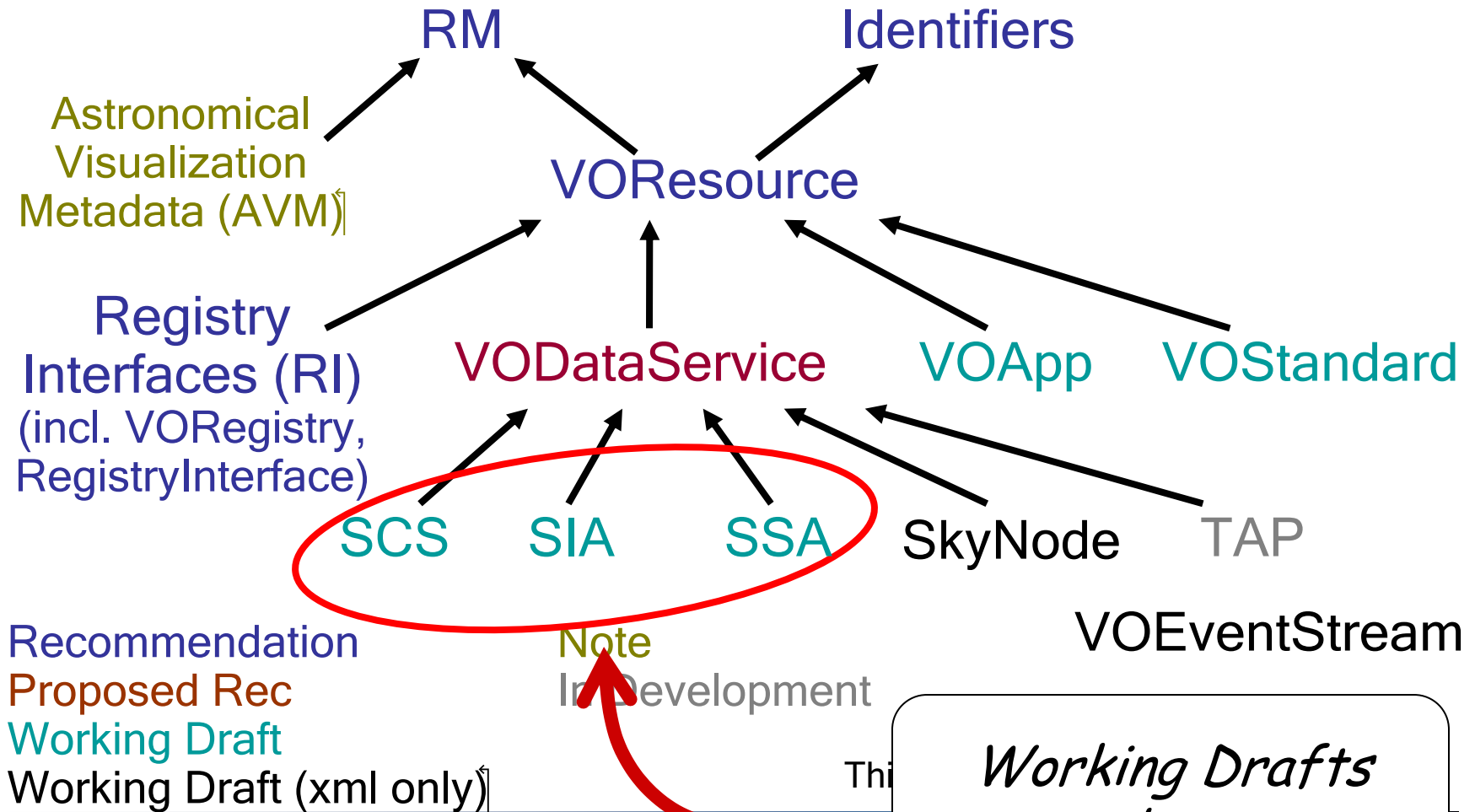


Standards Dependencies





Standards Dependencies



Working Drafts underway

Interrelationships



- VODataService:
 - Defines CatalogService; used by SCS, SIA, SSA*
 - Describes Tables
 - important for TAP services
 - VOSI: `getTableMetadata()`*
- VOStandard:
 - VOspace uses IVOA IDs with fragments
`ivo://ivoa.net/vospace/core#vospace-1.0`
 - Provides a way to register and document these identifiers

*an actual dependency

Session 1: Interoperability & Roadmap



- Current Focus: Interoperability and Curation
 - What are the current operational problems?
 - Things to improve?
- Finishing remaining standards
 - Update on active proposals: Registry Interfaces, VODataService
 - Extensions for Simple Services
 - VOApplication
 - Astronomical Visualization Metadata (AVM)
 - **Assistance/Contributions needed!**
- Future Directions
 - Advanced searching: move away from ADQL v1.0
 - Publishing tools
 - **Innovation needed!**

Session 2: VODataService & VOStandard



- In Lieu of a Joint Session
- VODataService & VOSI & TAP
 - VOSI:
 - Making services more self-describing
 - Critical for monitoring usage
 - Any barriers from letting VOSI go on
- VOStandard & VOSpace

Session 3: Curation Practices & Tools



- Follow-up to FM-19A
 - C. Arviset: Review of study and recommendations
- What's happened since then
 - D. Schade: SIA Curation Tools
 - A. Stebe: ESAVO Curation Tools
 - R. Plante: NVO Registry Curation and Service Validators
 - T. McGlynn: NVO Service Monitoring
- Discussion: what more can we do