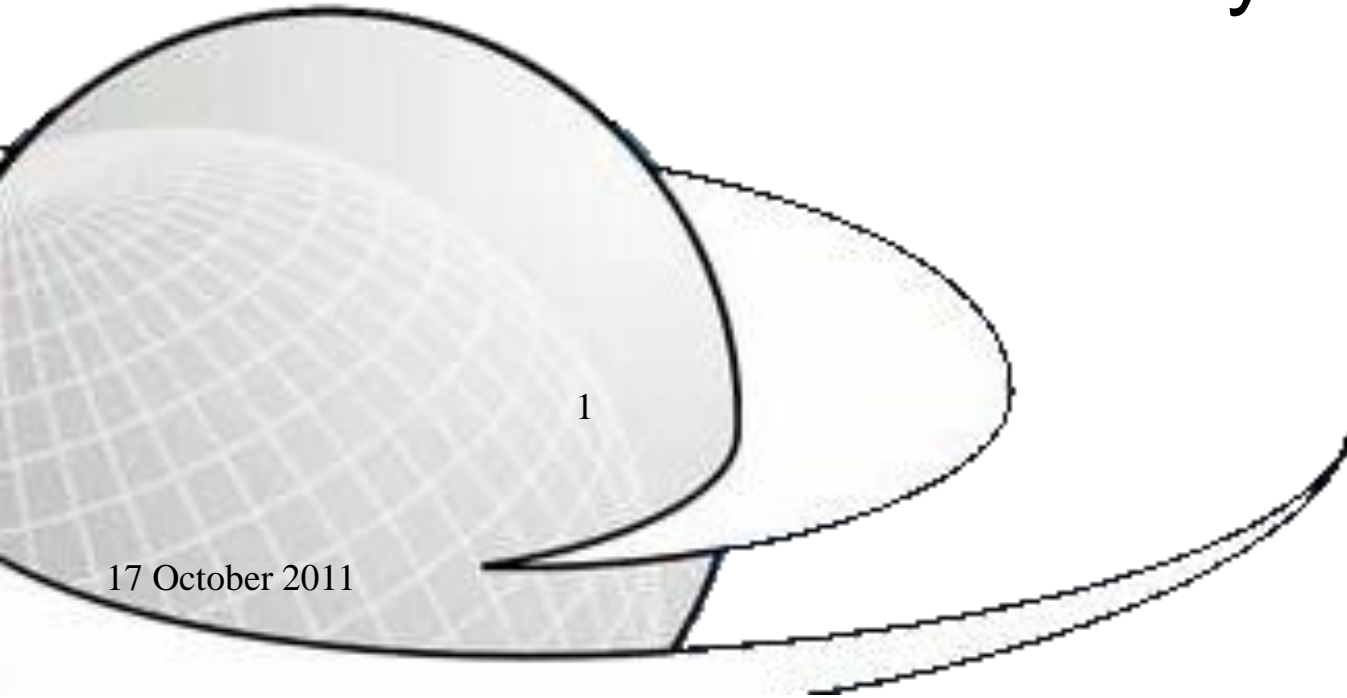


# Registry Extension Standards:

StandardsRegExt  
SimpleDALRegExt

Ray Plante

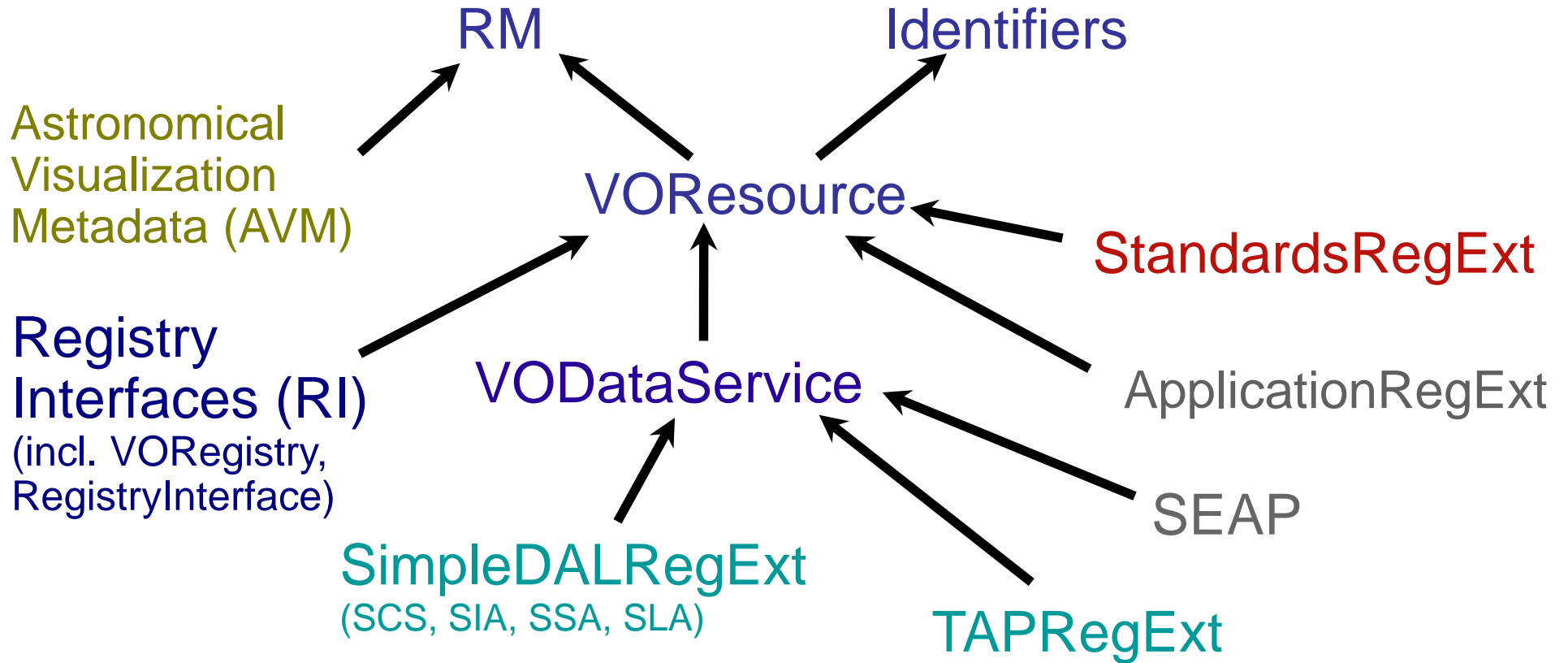


17 October 2011

17 October 2011  
IWOA Interoperability Meeting -- Pune



# Standards Dependencies



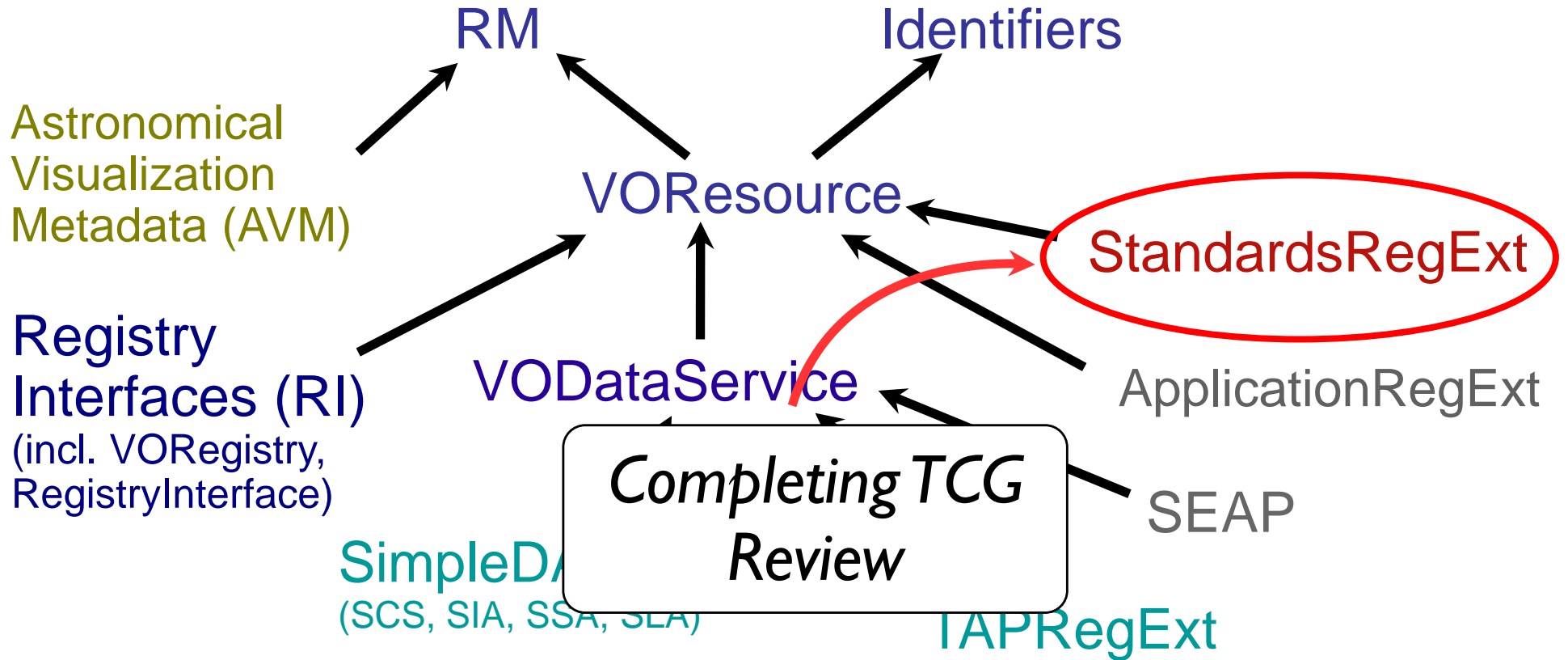
Recommendation  
 Proposed Rec  
 Working Draft  
 Working Draft (xml only)

Note  
 In Development

This depends on that



# Standards Dependencies

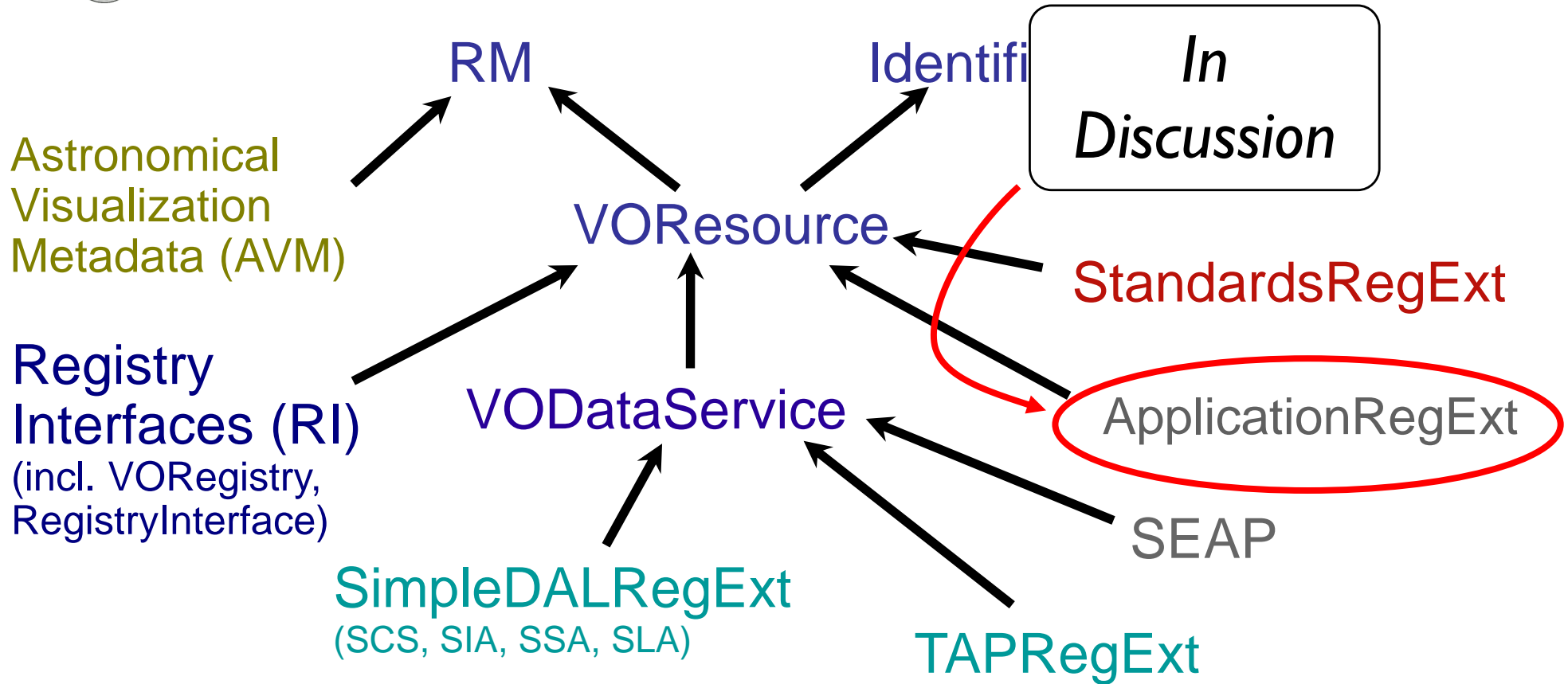


Recommendation	Note
Proposed Rec	In Development
Working Draft	
Working Draft (xml only)	

This  $\xrightarrow{\text{depends on}}$  that



# Standards Dependencies

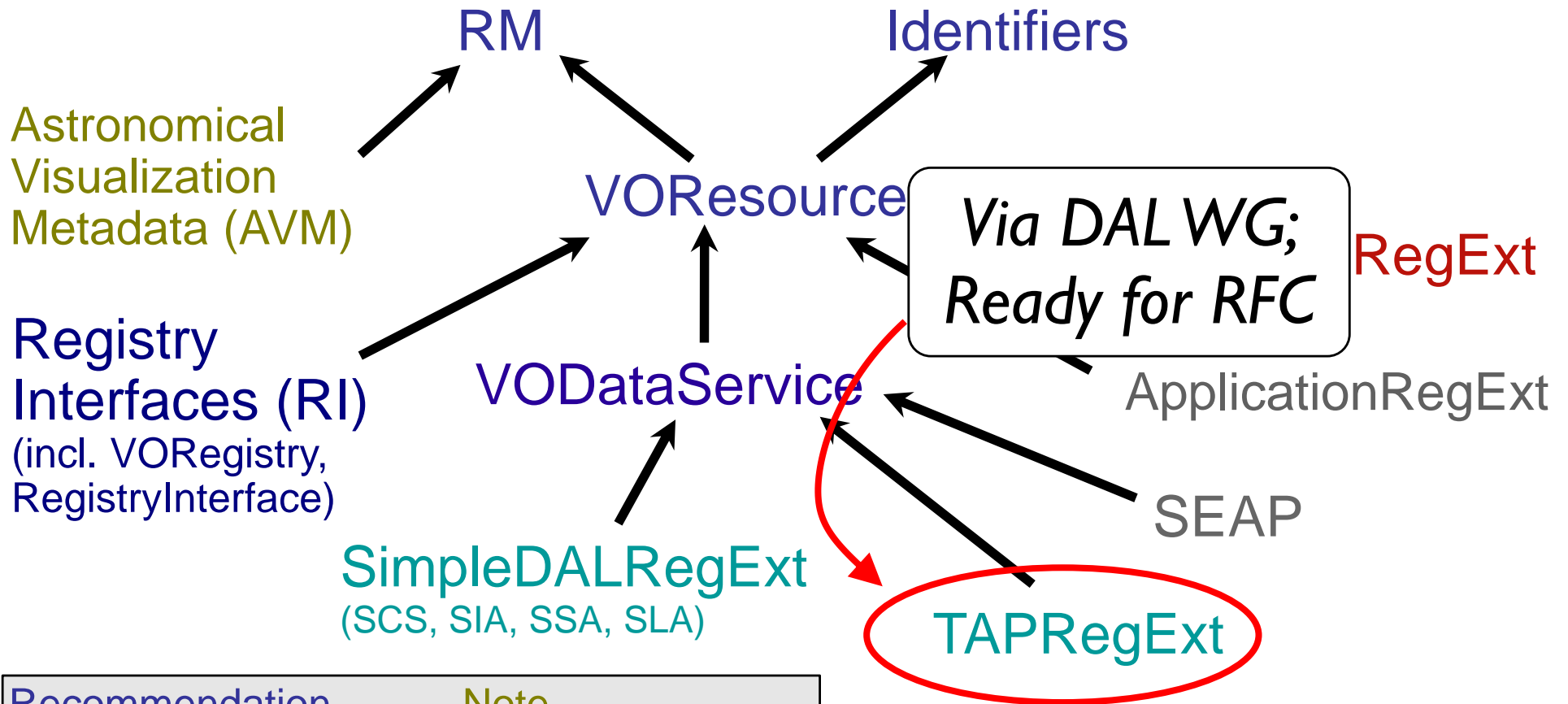


Recommendation	<b>Note</b>
Proposed Rec	In Development
Working Draft	
Working Draft (xml only)	

This  $\xrightarrow{\text{depends on}}$  that



# Standards Dependencies

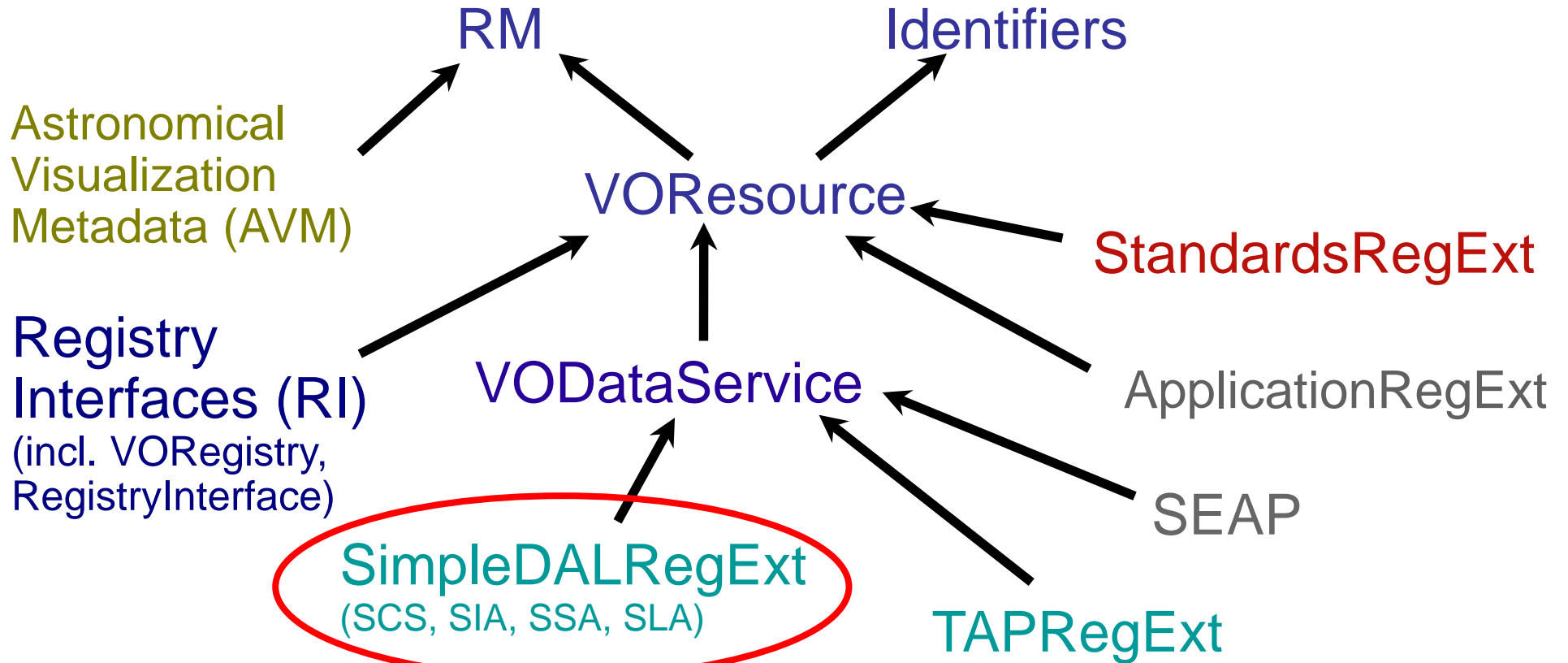


Recommendation	<b>Note</b>
Proposed Rec	In Development
Working Draft	
Working Draft (xml only)	

This  $\xrightarrow{\text{depends on}}$  that



# Standards Dependencies



Recommendation	Note
Proposed Rec	In Development
Working Draft	
Working Draft (xml only)	

*Ready for RFC (?)*

# SimpleDALRegExt: Issues in front of RFC



- Recommended Namespace Prefix
  - Prefix recommendation is meant to aid queries
    - XPath queries against xsi:type values
    - Use of XPath in RI's advanced query interface
    - xsi:type values can be treated opaquely; no resolution of prefixes required.
  - Request to change to ssap to avoid collision with DaM SSDM use of ssa as a declared namespace
  - Recommend we accept this request
    - Would require updating records already in use in registry, which we have to do otherwise

# SimpleDALRegExt: Issues in front of RFC



- What happened to `<supportedFrame>` in SSA?
  - Identifies a frame name that is supported as part of the POS parameter
    - e.g. GALACTIC
    - An archive that indexes spectra exclusively by galactic coordinates needs to communicate this
  - Previous attempt tried to identify systems via a URI
    - To allow referring to non-standard systems, provide documentation mechanism for values
    - Unresolved Issues that led to it being dropped
      - Need to explain how to map URIs to values actually used (fragment); must apply to non-standard systems, too.
      - Does SSA allow non-standard coordinate frames? (“acceptable values” from SDM)
      - Is this overkill; simply restrict to the standard set?



# SimpleDALRegExt: Issues in front of RFC



- What happened to `<supportedFrame>` (con't)?
  - Note: element repeatable for each frame supported
  - Solutions
    1. Value restricted to string listed in SDM/STC
    2. Value can be any string representing name used with POS; list from SDM/STC have reserved meanings
    3. URIs done right
  - I tend to favor #1