THE INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE
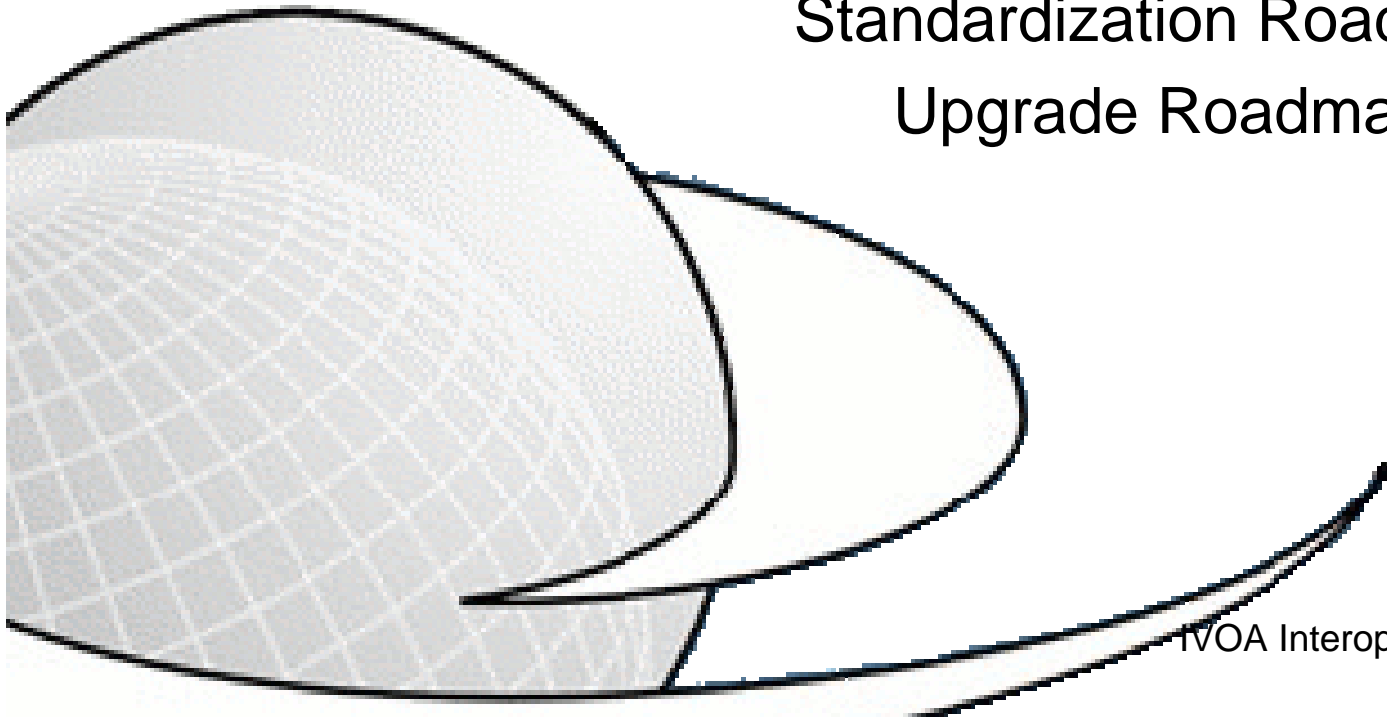
Resource Registries

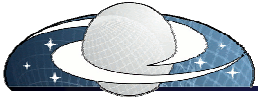## Session I

Standardization Roadmap

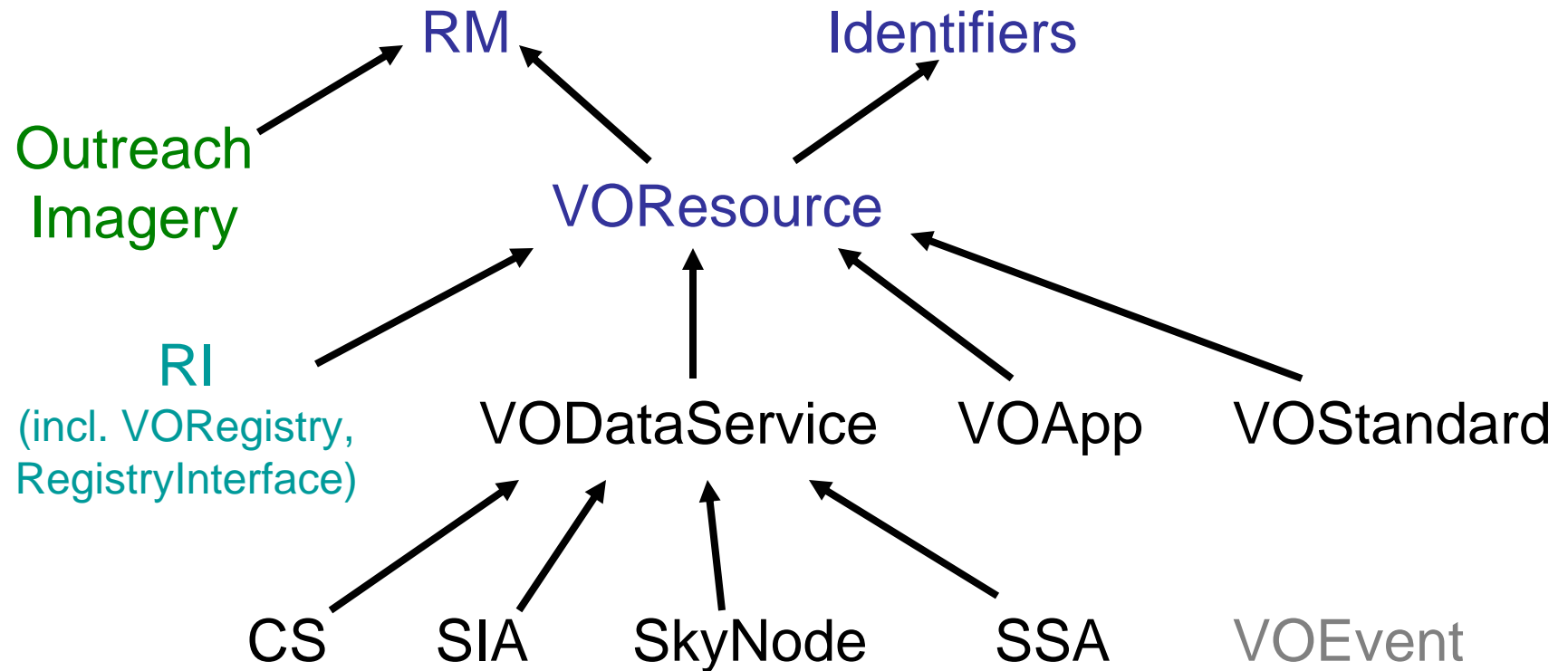### Upgrade Roadmap

Standards Dependencies

RM   Identifiers

Outreach
Imagery   VOResource

RI
(incl. VORegistry,   VODataService   VOApp   VOStandard
RegistryInterface)

CS   SIA   SkyNode   SSA   VOEvent

Recommendation   Note
Working Draft   In Development
Working Draft (xml only)   This —depends on→ That
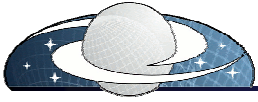
Supporting SSA

- Discussion on twiki: SsaResourceSchema
- Continuing discussion of details:
  - <supports>   support for specific behaviors
  - <supportsFrame>   support for coord. Sys.
  - <testQuery> how to represent test queries
- 2 versions
  - SSA-wd.xsd:
    - for discussion toward v1.0
    - Convert to this in 3-6 months
  - SSA-v0.1.xsd:
    - up for immediate use

  Is a conversion on 3-6 month timescale viable?
- Supporting v1.0 and pre-1.0
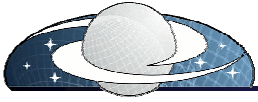
VODataService

- Next in queue for standardization

- Possible changes
  - Add <rights> to DataService Resource type
    - Already part of DataCollection
  - Add <dataset> to DataCollection & DataService types
    - Motivated by DAL
  - Adding <sampleQuery> to ParamHTTP Interface type
    - To allow automated agents to send test query to service
      - Without special knowledge of type of protocol
    - To enable primitive auto-generation of service GUI
    - Relationship to specific capability's <testQuery>

- Schedule for adoption
  - Requires up-rev of specific protocol extensions
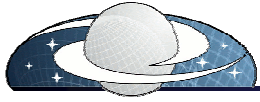
Upgrade Status

- Informal Reports:

  What is the status of the upgrade of your registry?

  Will you be ready for a Nov. 1 upgrade?

  How easy/difficult would it be to transition to new VODataService and/or SSA in 3-6 months?

  – NVO (STScI, HEASARC, NCSA, Carnivore)

  – AstroGrid

  – ESAC

  – CDS

- Transition schedule & coordination
- Migration of clients

RFC Roadmap

- Oct. 15: Start VODataService RFC

- Nov. 15: Start Registry Interface RFC
  - Good timing if upgrade transition Nov. 1

- Jan. 15: Start Simple Service Extension RFC
  - Cover CSC, SIA, & SSA extensions