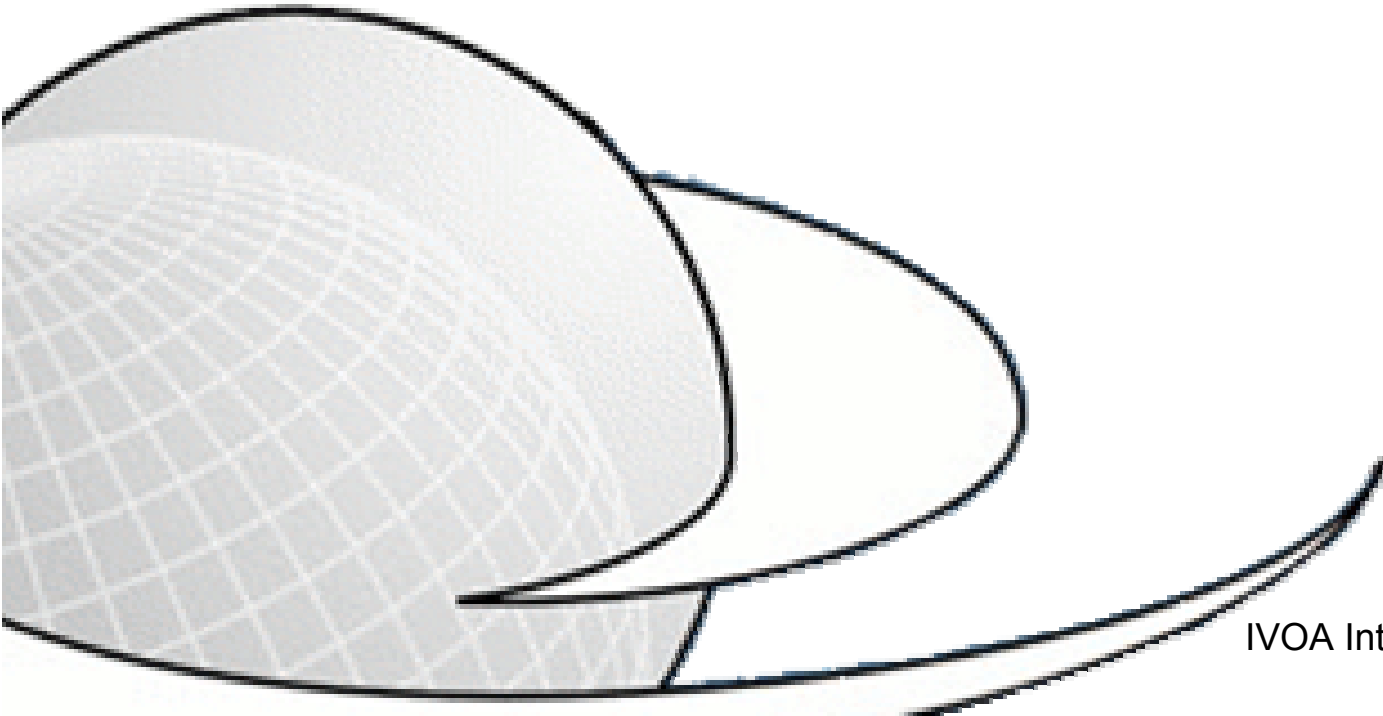# Roadmap Overview & Standards Issues

Ray Plante

RI Upgrade & Standards Roadmap

- Registry Interfaces (RI) v1.0, Working Draft
  - Year delay in full deployment

- Current Roadmap:
  - April 6: Registry of Registries (RofR) ready to validate registries
  - April 30: Registry Upgrades Largely Complete
  - May 1: Testing period begins
  - May 14: IVOA Interop: discussion of remaining problems
  - May 30: global power-on of new registries
  - June 15: stability
  - July 1: begin RI-related PR process

- Get status of upgrade from projects
  - Any issues meeting standards? Any changes required?

- Revise Roadmap
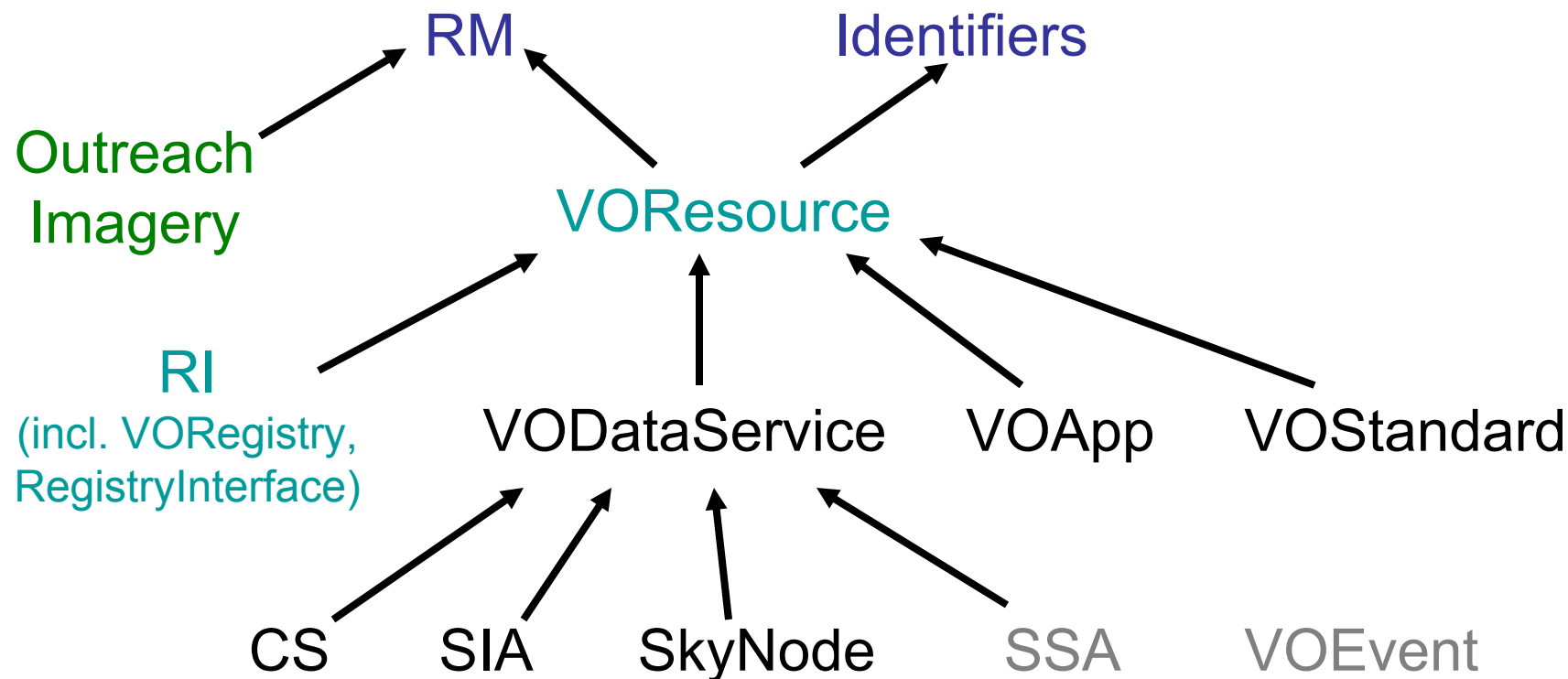 - Emphasis on PR/Rec standardization schedule

Upgrade Assets

See RegUpgradeToV10 Twiki page for useful tools and references

- Sample records

- Stylesheets
  - v0.10 to v1.0 conversion stylesheet
  - VOResource validation stylesheet (extra checks)

- RofR
  - Validater: http://nvo.ncsa.uiuc.edu/rofr/check.html
    - Checks Harvesting interface
    - Validates all local records
  - Harvesting Interface: http://nvo.ncsa.uiuc.edu/cgi-bin/rofr/oai.pl

- Search client library: ivoaregistry

Standards Dependencies

RI Issues

- Searching Interface requires `<ri:Resource>` to be VOResource root element; the Harvesting Interface does not.
  - Recommend adding same requirement on Harvesting Interface
- Should record requirements apply to deleted records?
- Should we require the use of `xsi:schemaLocation` in the harvesting interface?
  - `xsi:schemaLocation` required in search interface
- Should we require the use of prefixes in xsi:type attributes?
  - Would make searching for (almost) exact match easier
    - `xsi:type="vr:Service"` VS. `xsi:type="vs:DataService"`
    - `xsi:type like '%:Service'` in a query
- In the harvesting interface, should we mandate the location of the namespace declarations to be with the Resource element?
  - Easier on harvester: can lexically (without parsing) lift out the Resource with no other modifications

Missing Agreements

Several agreements from Victoria (May 06) failed to be integrated in RI, schemas:

- Searchability
  - **AGREED** VOResource core must be searchable by all registries
  - **AGREED** every registry MUST return full record for any resource
  - ~~**AGREED** flag against registry `allowsExtendedSearch` which indicates that registry is searchable on any extension schema element as well as core~~

- Data collections
  - Need to know size of catalog: coverage.objectCount is in RM
    - But also need to know nr rows in tables for data collection so need element for that
  - **AGREED** that column metadata will include `utype` string as an optional element which may be used in the future for data model pointers