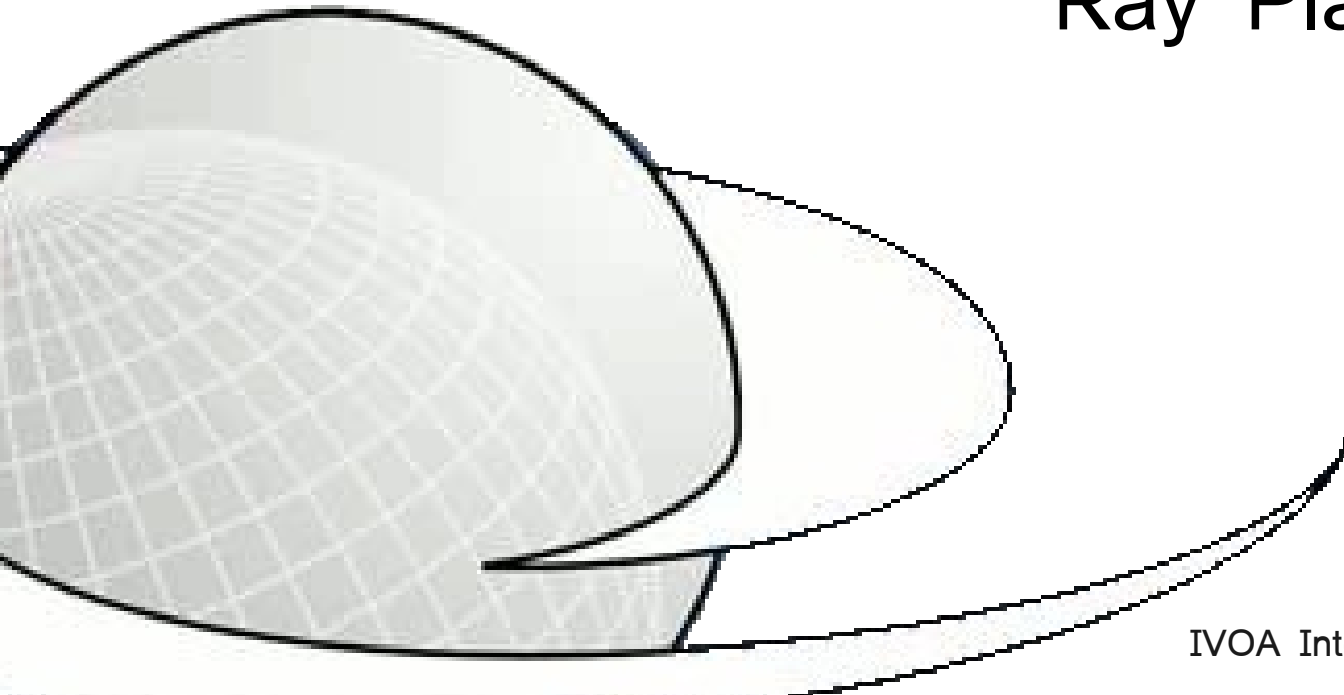


# THE INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE

Special Session: Validation & Verification

## Registry Curation Standards Compliance

Ray Plante



# Agenda



- Today: Operations and Applications
  - \_ Review of past discussions (Ray)
  - \_ Service Monitoring
    - VAO Monitoring: an update (Tom)
    - Discussion
  - \_ Application Development
    - Testimonials welcome
    - Discussion
- Thursday: Curation and Compliance
  - \_ Applications Con't: Mark Taylor
  - \_ Registry Maintenance and Curation
  - \_ Status of Service Validators
    - Call for community participation
  - \_ DAL Service toolkits
    - Status from Christophe Arviset, Pat Dowler, Laurent Michel, Doug Tody



# Registry Maintenance

- RegistryGuide Twiki
  - \_ To capture registry maintenance practices
  - \_ To capture recommended use strategies
    - Recommended queries (e.g. how to retrieve all SIA services)
- Registry Search interface validator needed
- Improvements in Publishing Interfaces needed
- Registry Issue Tracker
  - \_ Registry admins as members
  - \_ Track reported problems, special requests
  - \_ Coordinate inter-project resolution
- Registry Curation Practices
  - \_ ValidationLevel: rating of a Registry record's compliance and quality
    - Set by Registry curators according to local standards
    - Can be used by applications to filter for services
  - \_ Develop policies for rating resources via ValidationLevel

# Discussion Questions



- Curation as investment
  - Real maintenance takes real person-time
    - Fixing problems
    - Checking records
    - ...?
- Curation Practices
  - Automatic record and service validation (at publishing, at harvesting)
  - Human inspection of content
  - Standards for content, validationLevel rating
- Registry Curation
  1. What practices should projects invest in?
  2. What coordination is required?

# Status of Validators



- Last interop: updated status
  - \_ Stebe extended dalvalidator for SSAP, SLAP
  - \_ dalvalidator services deployed also at EuroVO
    - “validate” button
  - \_ Call for community feedback
- SIA, SCS are stable
  - \_ Used routinely by VOMonitor
  - \_ Revealed some problems with standards
- SSA and SLA validators available in beta
  - \_ Incomplete and has known problems
    - Not testing for utypes
  - \_ Feedback welcome
- Any others in the works? (CADDC?)



# Discussion Questions

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- Standards Compliance
  1. Should we strengthen the role of validators in our standardization process? If so, how?
  2. Where should we invest? What is the right balance?
    - Validators?
    - Toolkits?
    - Documentation?