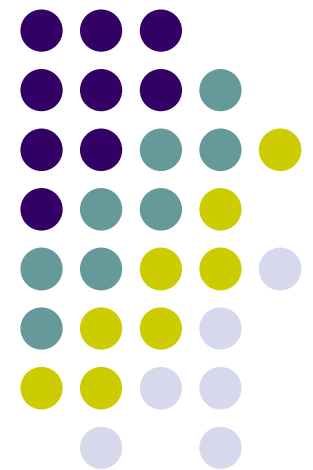


# IVOA Registry

Summary of WG Conclusions  
Strasbourg  
17 Oct 2003





# Goals for 16<sup>th</sup>

- Agree standards
  - PR: Identifier 1.0
  - PR: Resource Metadata 1.0
  - WD: Schema 0.9
- Current state
  - Call interface: methods, query language
  - Replication & Harvesting
- Interop demo (Jan 2004)
  - Scope
  - Project goals





# Agreed Standards

- Identifier 1.0 (based on current)  
→ Prop Rec
- Resource Metadata 1.0 (minor changes to current)  
→ Prop Rec
- Schema 0.9 (based on 0.8.4 with changes)  
→ Working Draft

All = baseline for Jan demos





# Identifier

- XML form & string (URI) form
- AuthorityID + ResourceKey  
≡ <ivo://ledas.le.ac.uk/warehouse/usno-b>
- Where
  - [ivo](#) := protocol
  - [ledas.ac.uk](#) := AuthorityID
  - [warehouse/usno-b](#) := ResourceKey
  - (parsing terminates at [?](#) or <#> in string)
- AuthorityID : Registry ≡ 1 : 1  
(but registry manages n AuthorityIDs)





# Identifier issues

- Permanance of identifiers
- Logical identifiers
  
- NON-issues (for now):
  - Control of AuthorityID
  - Content of AuthorityID





# Resource Metadata

- Minor changes from document 0.82:
  - Creator not mandatory
  - Remove Contact Address & Telephone
- Mandatory DC data for all resources:
  - Identifier, Title, Publisher, Subject, ReferenceURL, Type
- Subject keywords
- Coverage & 'sub-mm'





# Schema

- Minor changes to 0.8.3 (& 0.8.4)
  - TabularSkyService
  - ConeSearch & SIA modify Capability (not new classes)
- Issues:
  - Coverage
    - STC incorporation later
  - VOTable header for table definition
- Separate schemas for independent standardization
- Need documentation and templates for metadata input



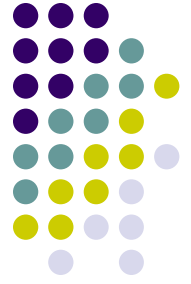


# Interfaces: Discussion Points

- Browser methods
- Admin methods
- Query Language
  - SQL-based (ADQL-based)
  - XQuery-based
  - Other?
- Call mode
  - Document
  - RPC
- Response format







# Harvesting / Replication

- Same or Different?
- Query bubbles up to higher level registry
- Harvesting
  - OAI [httpGet](#) with 'date since' for Jan demo
  - Web service interface for future
- Harvesting directly from resources
  - Need standard form

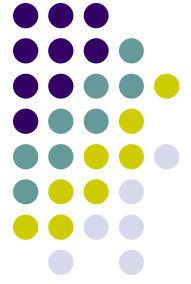




# Key points

- Will submit PR for Identifier & RM
- Agreed **baseline** schema for Jan demos
- Schema is extendable by projects
- Will continue standards development using feedback from demo construction





# Thanks to...

- Ray, Bob, Elizabeth, Keith
- and all in WG meeting
- and everyone participating in mailing list
  
- See you all back there on Monday!!

