SCS-1.1
status report

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May `17 ...   ... summer time ... Oct. `17

International Virtual Observatory Alliance

IVOA Documents

Simple Cone Search
Version 1.03

IVOA Recommendation 22 February 2008

Update considering

- DALI/VOSI endpoints
- Metadata discovery
- Response
- UCD updates
- Registry extension

- /capabilities & /availability
- HTTP GET&POST methods
- Error response
- VOTable version
- RESOURCE @type & multi-RESOURCE
- MAXREC & RESPONSEFORMAT
- Metadata discovery (MAXREC)
- Resource registration
- RA & Dec datatype
- Validation issue on INFO @name="Error"

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Version 1.1

IVOA Working Draft 2017-10-09

Changes

- ## Non disruptive

  - Accommodating heritage solutions even if deprecating them

  - Mainly adding flexibility to requirements

  - Adopting common usage over strict interpretation

- ## Following the starting view stating that

  - 1.0 clients should work with 1.1 services

  - 1.0 services must be consumable by 1.1 clients

some detail

VOSI endpoints and POST method

- Encouraging where possible
  - Undefined behaviour on mixed GET/POST solutions
  - Strongly suggesting DALI compliance on ReST-like solutions

Multi RESOURCE & @type="results"

- Most cone services doesn't provide @type

- Multiple resources allowed to allow Datalink solutions
  - Multiple tables...TBD

some detail

Error response

- Now following DALI
    - Allowing/deprecating back-compatible heritage

Registry extension

- Imported from SimpleDALRegExt
    - Should not affect current records

Validation issue

- Proposed Erratum

Discussion topics

- Minor / Major revision

- VOTable version

- UCD1+ forcing

- (new) EPOCH query param

Floating ...

- ID_MAIN records uniqueness
- Single ID_MAIN field in response

(from validation reports)

- Thanks for commenting and contributing
  - Continue doing so...
- Document progress can be followed on

  `http://volute.g-vo.org/`