

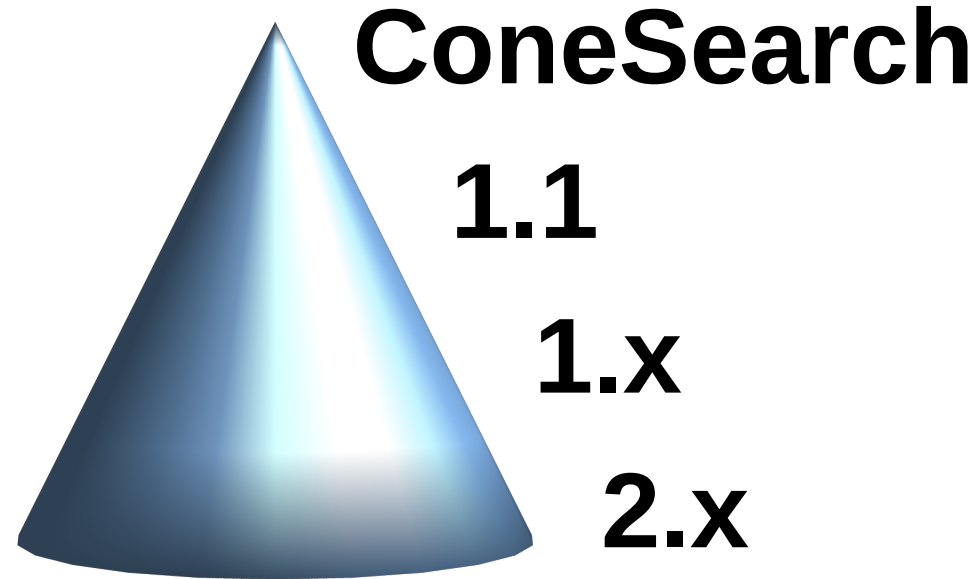
Let's keep it
Simple
ConeSearch
status

DAL session 1
Friday 10 November 2023

Marco Molinaro



IVOA Interoperability Meeting
10-12 Nov. 2023 – Tucson (AZ, USA)

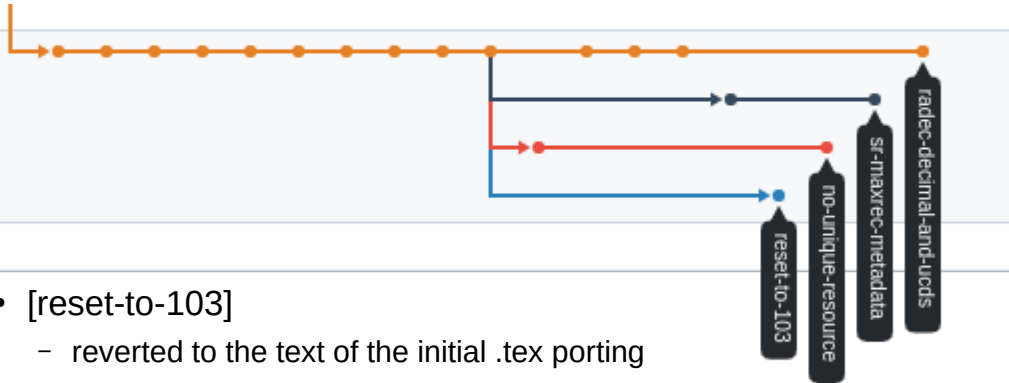


WD-ConeSearch-1.1 – restart

- Previous 1.1 revision attempt
 - tried to change too much
 - while forcing it to be “minor”
- Restart, limit to
 - update to UCD1+ ([issue #20](#))
 - yes, it's *minor!*
 - re-add MAXREC
 - re-add RESPONSEFORMAT
 - rework resource description (a.k.a. Section 3)
 - (TBD – [issue #54](#)) align VOTable error to DALI
 - (TBD – [issue #17](#)) fix silently failing optional parameters



on the launchpad



- [reset-to-103]
 - reverted to the text of the initial .tex porting
 - added Erratum 1 content from v1.03 - <INFO> element uniqueness
 - added Erratum 2 content from v1.03 - VOTable version in responses
 - added Erratum 3 content from v1.03 - fix error VOTable response
- [no-unique-resource]
 - proposal to remove RESOURCE uniqueness in response
- [sr-maxrec-metadata]
 - SR and MAXREC behaviour
- [radec-decimal-and-ucds]
 - datatype and UCD changes in RA, Dec, ID
 - updated obs angsize to UCD1+
 - fixed UCDs in App.A example

RA Dec decimal and UCD to 1+ ✓

#58 opened yesterday by molinaro-m • Draft

SR & MAXREC for metadata ✓

#57 opened yesterday by molinaro-m • Draft

No unique resource ✓

#56 opened yesterday by molinaro-m • Draft

WD 1.1 - basic reset to REC-ConeSearch-1.03 w/ Errata fixes ✓

#55 opened yesterday by molinaro-m • Review required

- Other pull requests will follow
 - (e.g. RESPONSEFORMAT)
- Text coming from previous 1.1 attempt
 - no wheel reinvented
 - should be already agreed upon

- DISCUSSION
 - main ID usage ([issue #53](#))
 - unrecognized custom parameter and optional parameters responses ([issue #17](#))
- FIXES/UPDATES
 - recommending "OVERFLOW" response if applicable ([issue #45](#))
 - HTTPS services ([issue #48](#))
 - VOTable examples (Appendix A) ([issue #18](#))
 - Update .xsd and .vor ([issue #38](#))

- DISCUSSION
 - Query parameter for table/catalogue pre-selection ([issue #39](#))
 - Allowing ST-MOC query ([issue #37](#))
 - Source DM annotation of results ([issue #35](#))
 - Multi-center conesearch query ([issue #34](#))
 - Discovery of versioned ConeSearch services ([issue #33](#))
- FIXES/UPDATES
 - Alignment with core params from SIAP-2.0 / SODA-1.0 ([issue #36](#))
 - HTTP GET/POST w.r.t. endpoints & heritage ([issue #31](#))

- DISCUSSION
 - EPOCH query parameter ([issue #40](#))
 - TIME parameter addition time ([issue #15](#))
- FIXES/UPDATES
 - Max time span allowed in search ([issue #30](#))
 - All sky search radius (also time filtering relevant) ([issue #16](#))
 - Add a time interval ([issue #6](#))
 - Make TIME aware ConeSearch services discoverable ([issue #32](#))

not in the current issue list

- Results ORDERing
 - ConeSearch as a TAP profile
 - /capabilities
 - full DALI alignment
- } 1.x
- } 2.x

- ConeSearch wiki pages cleanup
 - main page & -Next
- update GitHub README
- identify implementations and validator(s)

... stay tuned!

- DAL mailing list
- github repo discussion
- wiki ConeSearch page

- timeline or roadmap: WD or PR by Sydney
 - implementations and validator pending

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set the bar for v1.1 revision