

ConeSearch-1.1 status



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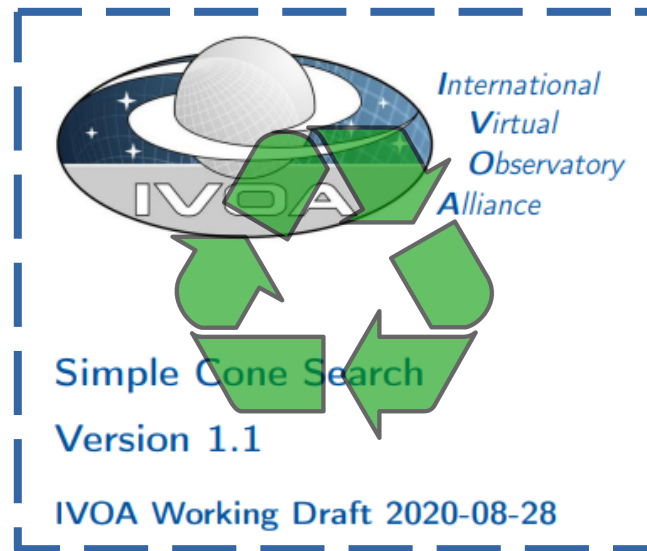
Marco Molinaro



Astro-CC Tech Forum I
7 Oct. 2025 – Basovizza (Trieste, Italy)

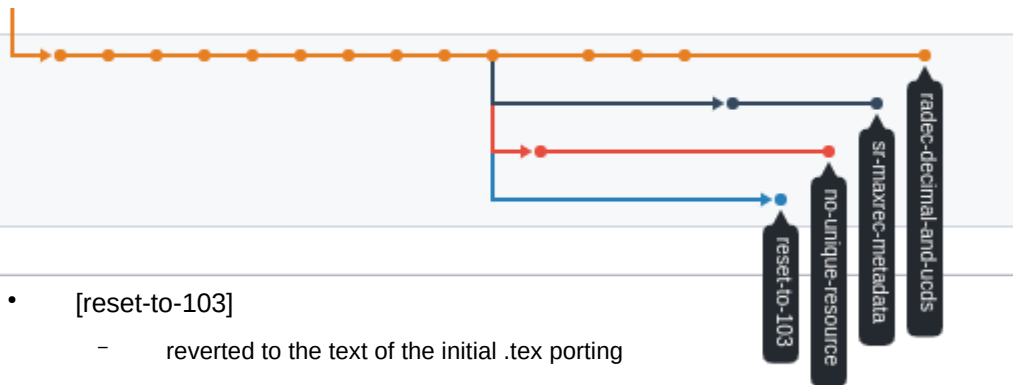
WD-ConeSearch-1.1 – history

- 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



2023

WD-ConeSearch-1.1 – history






- [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 by molinaro-m was merged last month • Approved
- ☐ [SR & MAXREC for metadata ✓](#)
#57 by molinaro-m was merged last month • Approved
- ☐ [No unique resource ✓](#)
#56 by molinaro-m was merged last month • Approved
- ☐ [WD 1.1 - basic reset to REC-ConeSearch-1.03 w/ Errata fixes ✓](#)
#55 by molinaro-m was merged on Sep 30 • Approved

end of 2024

- More readable Section 2
- RESPONSEFORMAT added
- DALI behaviour
 - VOTable usage and error responses
 - includes OVERFLOW indicator
- clarified MAXREC=0 & SR=0 enquiries
- forced RA/Dec decimal degrees in response
- Registry section referencing SimpleDALRegExt
- explicated HTTP(S)
- clarified behaviour on custom & optional parameters

- ☐  **adding RESPONSEFORMAT, DALI error responses & OVERFLOW usage** ✓
#64 by molinaro-m was merged last month • Approved
- ☐  **Clean Registry extension specification** ✓
#67 by molinaro-m was merged 2 weeks ago • Approved
- ☐  **server behaviour on optional parameters** ✓
#66 by molinaro-m was merged 3 weeks ago • Approved

DAL Running Meeting #21

https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaDAL_RunningMeetings

summer **2025**

TODO – in issues list



<input type="checkbox"/> Open 5	Closed 12	Author ▾	Labels ▾	Projects ▾	Milestones ▾	Assignees ▾	Types ▾	↕ Newest ▾
<input type="checkbox"/>	<input checked="" type="radio"/>	OpenAPI ConeSearch I/F document	1.1	documentation	enhancement			5
#63 · molinaro-m opened on Jul 1								
<input type="checkbox"/>	<input checked="" type="radio"/>	ivoid in VOTable response	1.1	← DataOrigin? DALI?				2
#59 · gilleslandais opened on Nov 10, 2023								
<input type="checkbox"/>	<input checked="" type="radio"/>	main ID usage	1.1	← close and leave it to SCS-2.0?				5
#53 · molinaro-m opened on Feb 4, 2021								
<input type="checkbox"/>	<input checked="" type="radio"/>	Update .xsd and .vor	1.1					
#38 · molinaro-m opened on Aug 27, 2020								
<input type="checkbox"/>	<input checked="" type="radio"/>	VOTable examples (Appendix A)	1.1	bug				4
#18 · molinaro-m opened on Jul 24, 2020								

- editorial work
 - architecture schema and references
 - Architecture 1.2
 - DALI
 - SimpleDALRegExt (that will need an Erratum)
 - VOUnits
 - raise VOUnits awareness
- VOTable media-type prescription
 - **SHOULD** application/x-votable+xml
 - **OPTIONAL** text/xml
 - **accept** text/xml;votable **only for back compatibility reasons**
- check with DALI (?): responses in other formats
 - allowed but unspecified

- once the WD is out
 - plans are to do that by next month (Görlitz Interop)
 - check for reference implementations
 - check for validator(s)
 - move to PR -> REC
- feature-wise it should already be fine
- all the other gitrepo issues will move to SCS-2.0



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Thank you for your attention!

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