

Data Model Working Group

Closing Session

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Vice-Chair: Laurent Michel

May 19, 2017

IVOA Interop – Shanghai



Session Summary - DM1

- STC-2
 - 3 component models
 - Being exercised in Cube model examples
 - WD documents: 2 delivered, 1 in progress
- Provenance
 - Migrating to vo-dml representation
 - Developing model and tools in parallel
 - Q: how to integrate with existing models to provide ancillary metadata



Session Summary - DM1

- SourceDM
 - Becoming vo-dml compliant
 - Folding in newer efforts (tessellation, ds)
 - Hopefully will develop into foundation for model serving a broader community



Session Summary – DM2

- VO-DML

- Final updates addressing feedback from RFC+ to be delivered very soon
- **Will initiate review period**
- Some clarification/discussion regarding enumeration literals is still in order (**mail list**)
- Pending review, can be sent to TCG vote and Exec approval
- DSL editor(s) being developed to facilitate modeling directly to vo-dml (without modeling tool), reducing overhead and version sensitivity



Session Summary – DM/Apps

- VO-DML Mapping to VOTable
 - New syntax reviewed
 - “significant improvement over old”
 - “a bit talkative”
 - Q: import or include vo-dml schema?
 - Generating examples via multiple methods
 - MAST Parser interprets and displays examples
 - Need more alpha testing for usability
 - Images (Apps - Aladin?)
 - SparseCube (TDIG - DaCHS/SPLAT)
 - Other!? Contact me.



Session Summary – DM/Apps

- End-to-End pipeline
 - Description of process to generate vo-dml compliant model
 - From UML → Serialization
 - Highlights areas where support tools can help smooth the process



Session Summary – TDIG/DAL/DM

- Great enthusiasm for testing Cube applicability to Time Domain use cases
 - Providing valuable usability feedback
 - Need more 'alpha' testers to work with example files to help ensure we are producing a quality set of standards



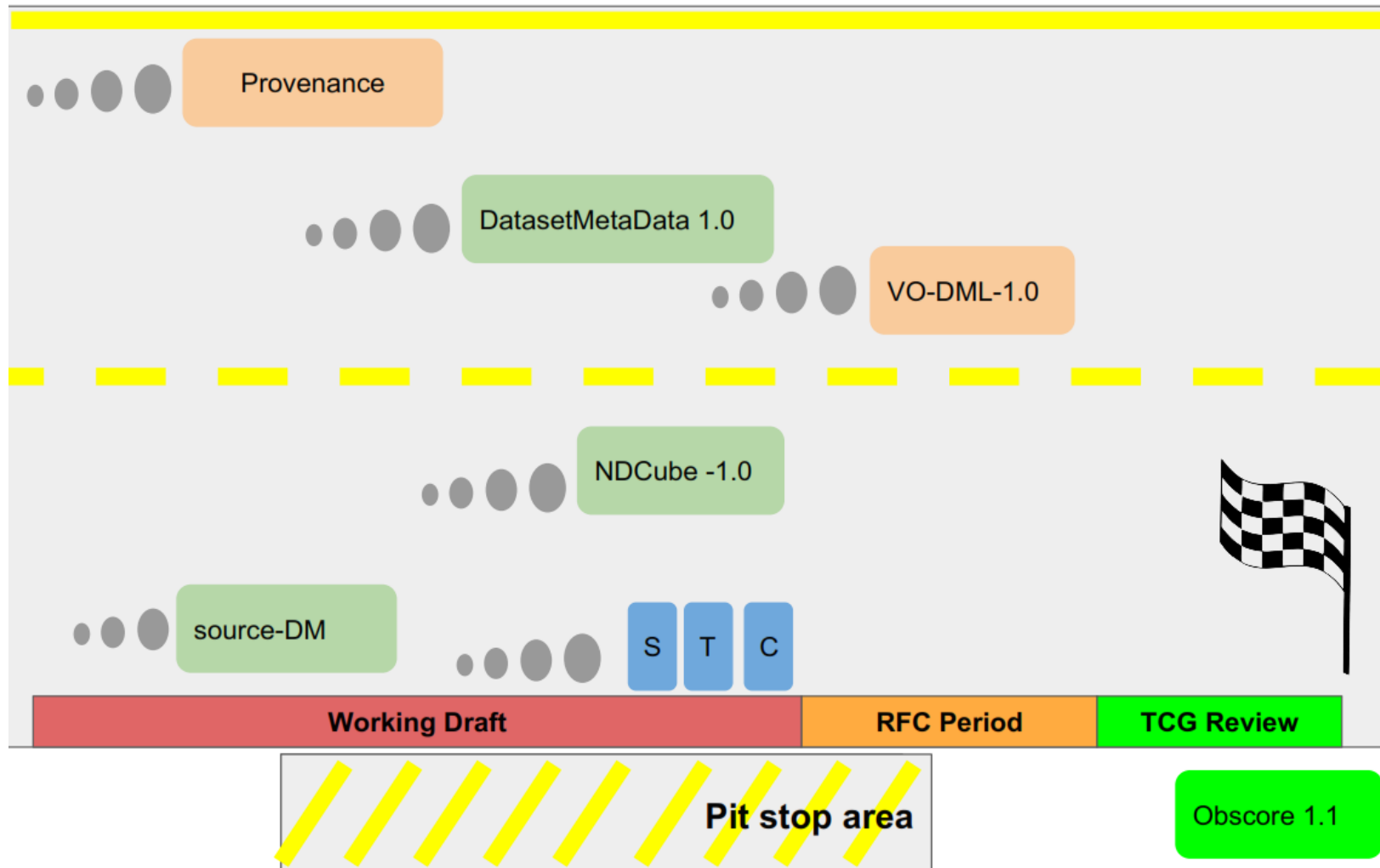
SSIG

- Eager to contribute to model evolution for solar system regime
 - Eg: List of standard Coordinate systems
- Establish dialogue to plan roadmap



Roadmap

WG Status: *Shanghai*



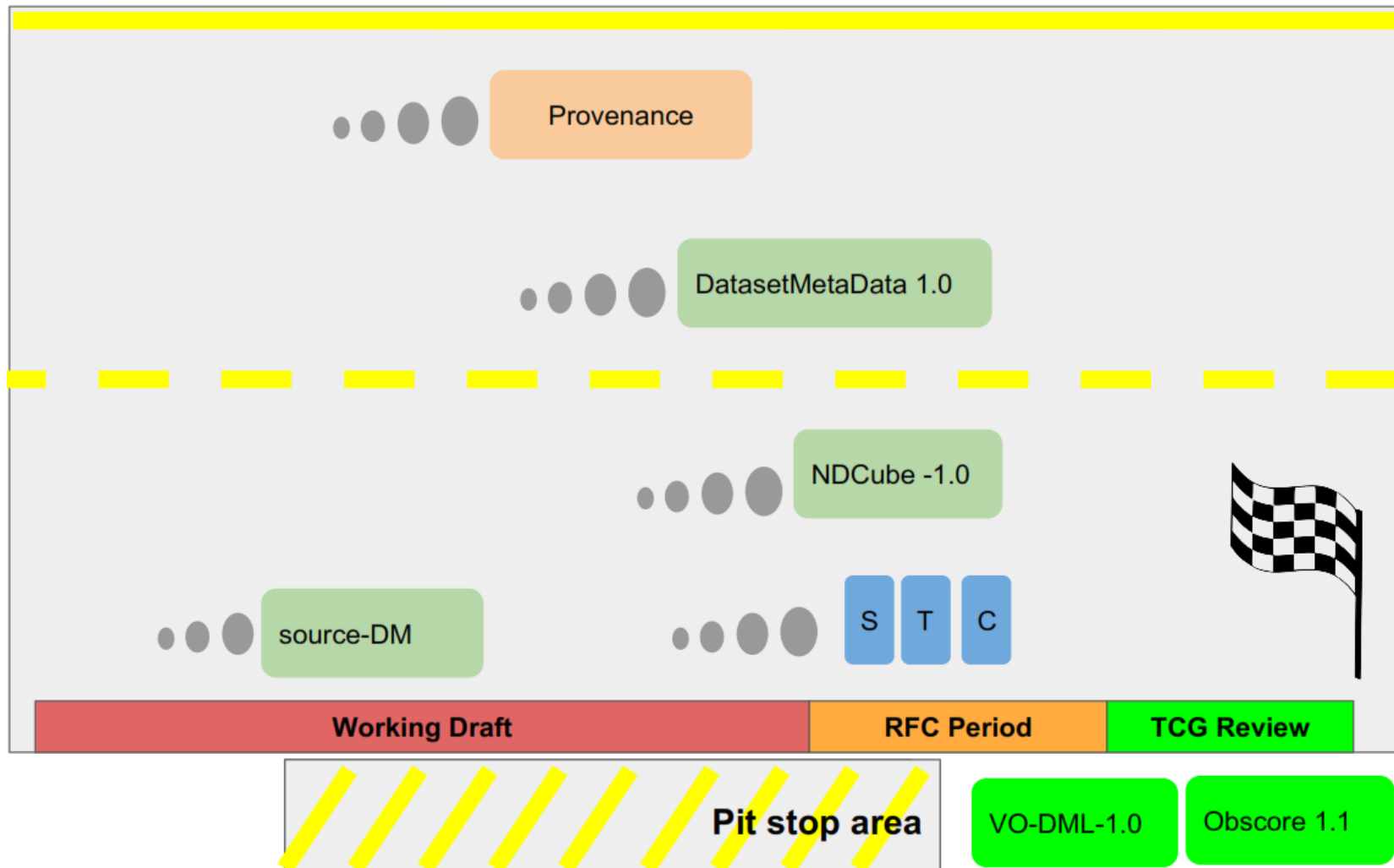
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Roadmap

WG Roadmap: *Santiago*



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