

Data Model Working Group

Closing Session

Chair: Mark Cresitello-Dittmar

Vice-Chair: Laurent Michel

Oct 23, 2016

IVOA Interop – Trieste



Session Summary - DM1

- VO-DML
 - Adding “Cookbooks” as experience grows
 - Many opportunities for Apps or student projects
- Provenance
 - Added HiPS use case
 - Initial working draft out soon



Session Summary – DM/Apps

- VO-DML Mapping to VOTable
 - Impressive work by Tom, Omar and Laurent!
 - Agreement about extending the VOTable schema to have a simpler mapping syntax
 - Agreement on a syntax based on the alternate proposal
 - Need to encapsulate the mapping in blocks easy to skip for a regular parser.
 - The major concern remains in tagging objects scattered in different tables



Session Summary – DM/Apps

- **Issues:**
 - how to negotiate the transition toward an updated VOTable schema
 - Document needs lots of rewriting
 - VO-DML workflow couldn't be validated quickly enough to support a complete COOSYS description in a short term. Former COOSYS will be undeprecated (validation of STD doc 2.0)
- **Must not greatly impact roadmap!**



Session Summary – DM2

- **STC-2.0**
 - Switch to domain expert/modeler mode
 - Both need replacment
 - Focus on Science priority (Multi-D data)
 - Define fully implementable examples NDCube
- **IVOA roles**
 - Explored relation of utypes and vo-dml ids in identifying model element roles



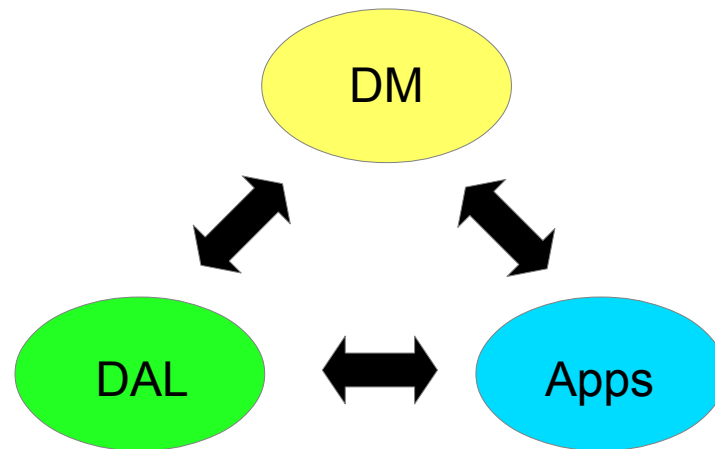
Session Summary – DM2 (cont)

- DM Implementation requirements
 - VO-DML models validate against schema
 - Serialization that touches each entity of the model, possibly fake. Produced by the modeler (unit tests/examples)
 - Real world serialization(s) covering use cases, produced by other, in mutually agreed format
 - Software interpreting serializations, demonstrating proper interpretation of content.



Remarks

- Communication
 - Very level of inter-group communication and cooperation!!

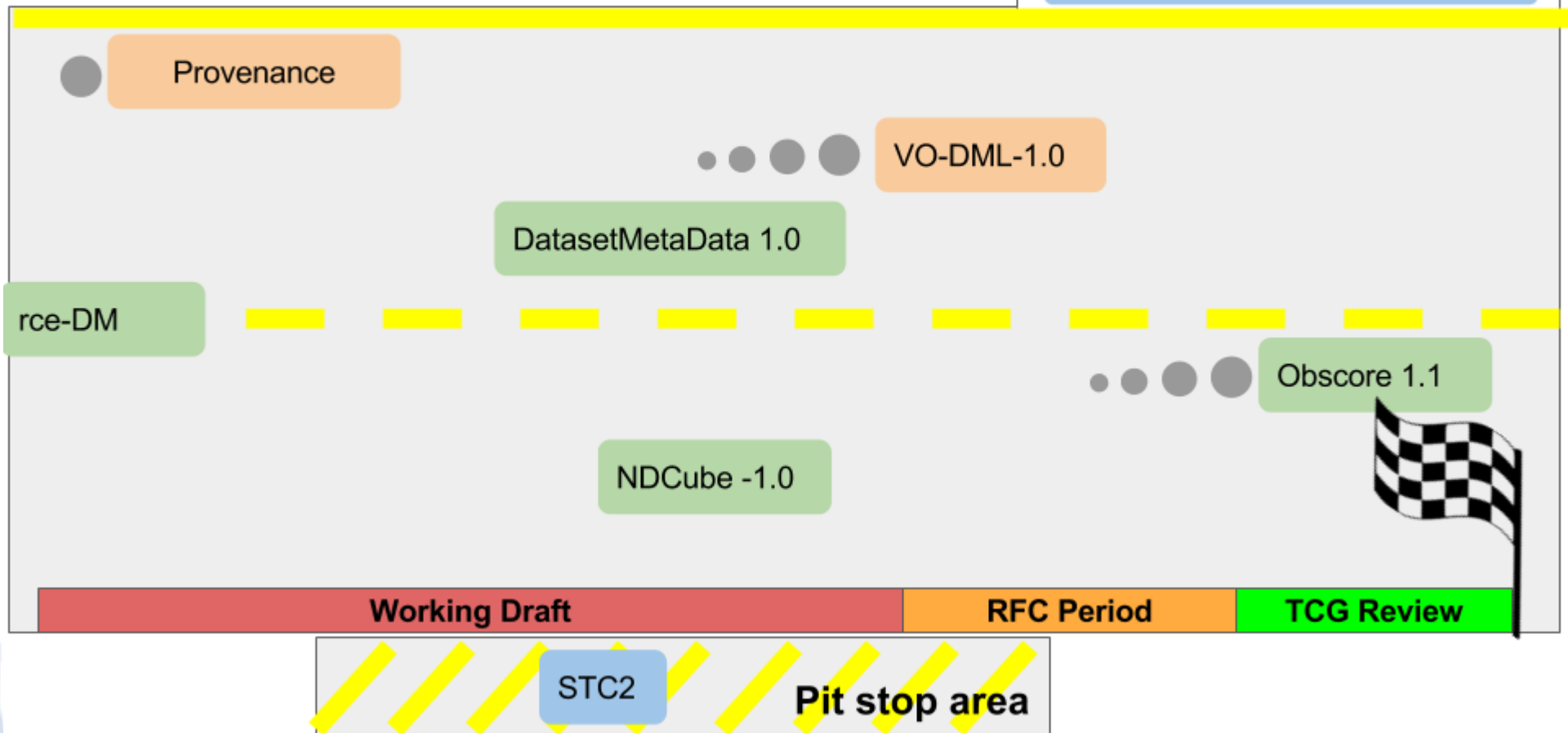


Roadmap

WG Roadmap: *Trieste*

Session #1 Friday 11h 12h30

Session #2 Sat. 16h 17H30



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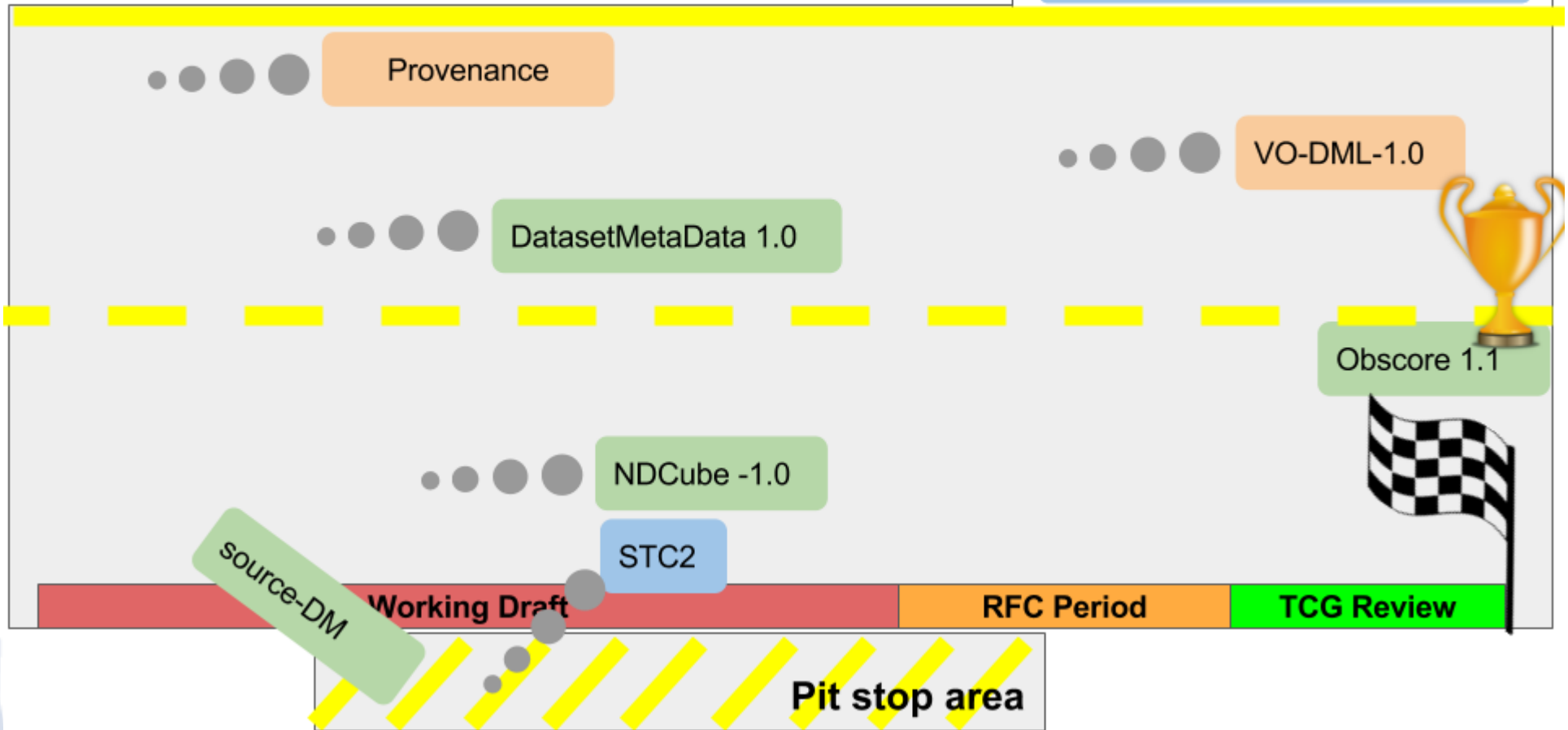


Roadmap

WG Roadmap: *January 2017*

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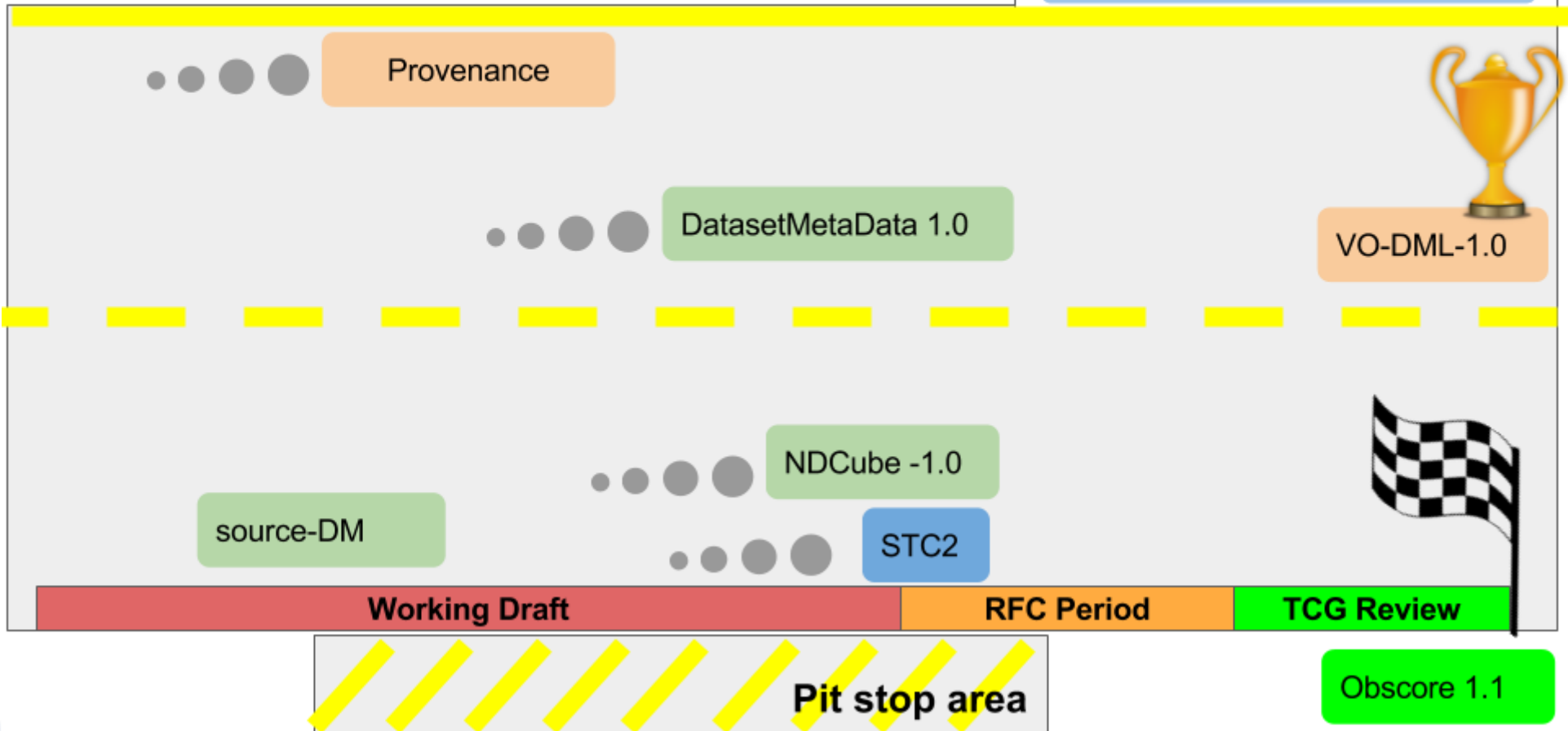


Roadmap

WG Roadmap: *Shanghai*

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