Data Model Working Group

Closing Remarks

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Vice-Chair: Laurent Michel

In a word

Summary

- DM-1
  - Presentation on deriving utype-like expressions from annotated instances to refer to vo-dml elements.
  - Primer demos of VO-DML/mapping related tools for Hack-a-thon
    - Python library (rama) and notebook
    - VO-DML Mapper
    - HSC on MAST portal
    - Illustrate the benefits gained by mapping data

Summary

- Hack-a-thon: very successful!
  - Progress on vo-dml/xml → xsd script
    - Needs more work (important!)
  - Non-trivial startup and maintanence for modeling
    - VO-DML aware UML tool would be AWESOME!
  - Emphasized importance of data providers and client developers to actively collaborate with modeling efforts to identify holes and compatibility with real world data.

Summary

- Hack-a-thon:
  - Will follow-up to gather participant feedback
    - Specific interest in identifying new model requirements
  - Watch for announcement
    - Hack-a-thon wiki page now has a section to add feedback comments
      - http://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2018VODML
    - Email working groups

Summary

- DM-2
  - STC-2.0
    - Very mature; well exercised (cube, time series)
    - Satisfies cube requirements
    - PRIORITY: document current working versions and get into REC process
    - Hack-a-thon identified 'missing' elements for general usage
      - More exercising required by other data providers and clients

Summary

- DM-2
  - Provenance
    - New draft delivered
      - Focus on model (extract DAL sections)
    - Lively discussion on parameter as Entity
    - Goal to be in RFC process before next interop
- IVOA model in CAOM
  - Proposal to add types to ivoa base types model, with serialization spec. in DALI
    - uuid
    - Point, Rectangle, etc.

Summary

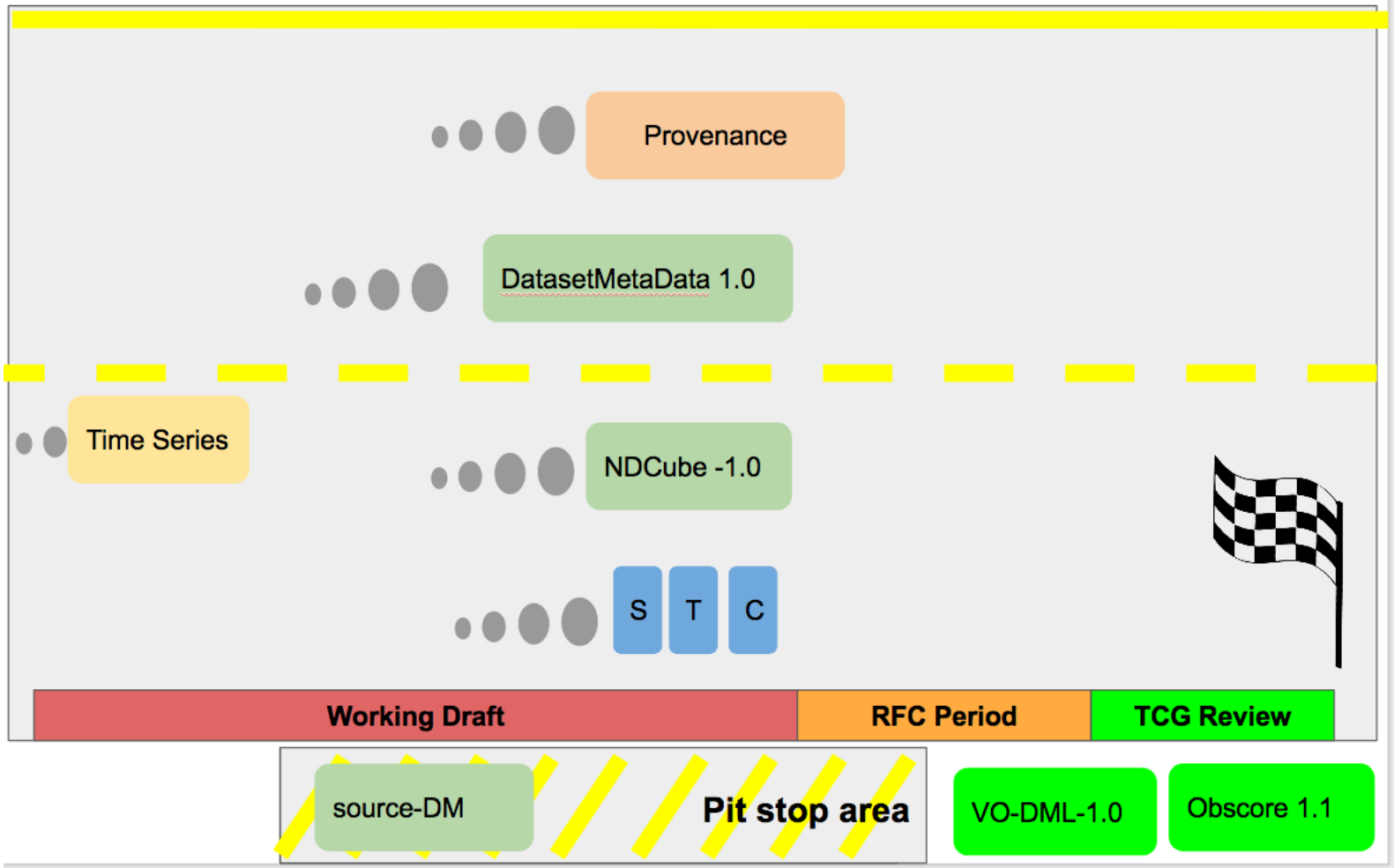
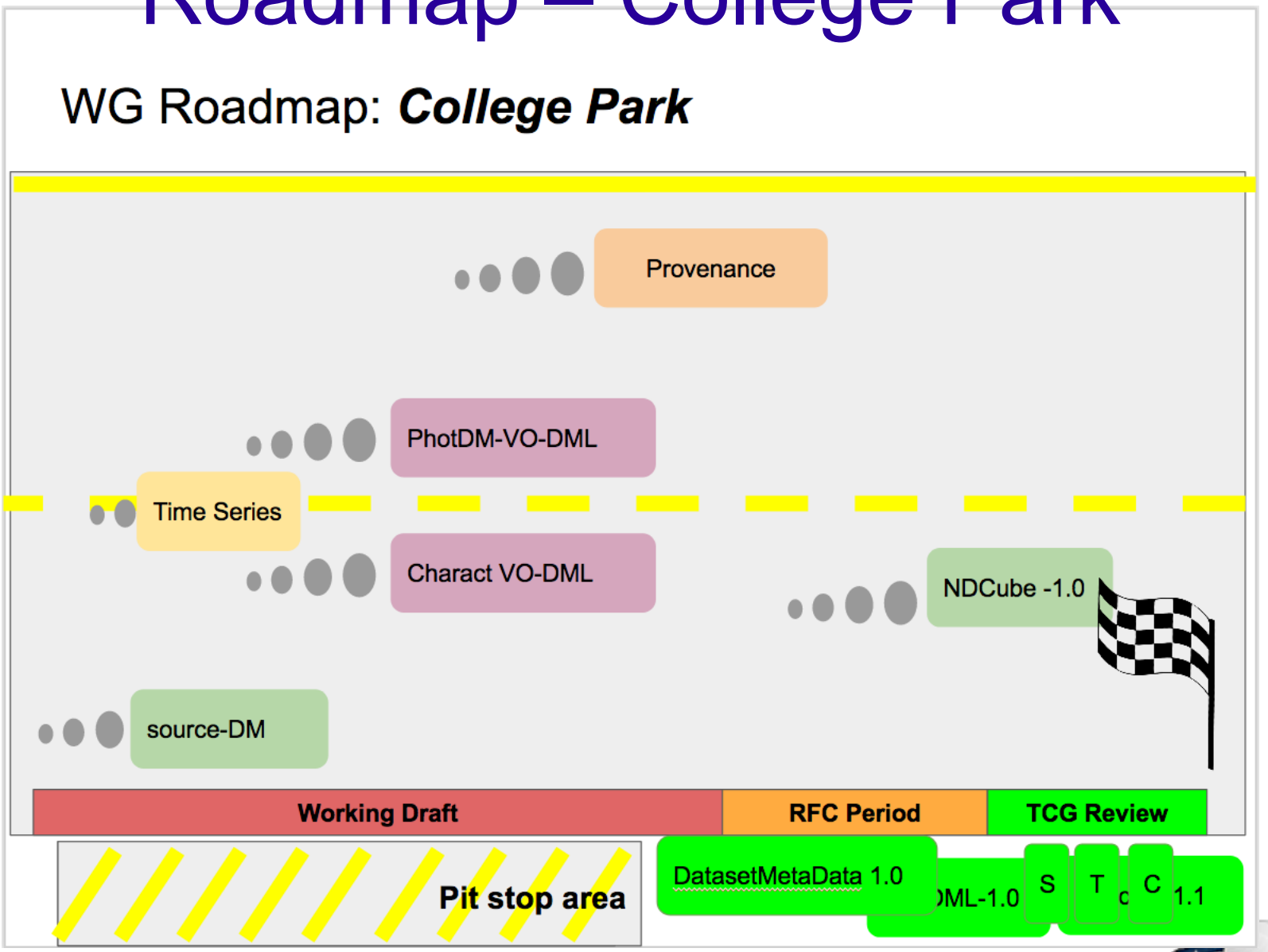
- Discussion
  - Kai presented group with interesting problem regarding storing and annotating algorithms used to characterize large datasets.

Collaborations

- Apps
  - Implementing/testing models and syntax
- TDIG
  - Exercising models in new cases
    - Setting groundwork for proper model
    - URGENT: to have prototype model ASAP
- SSIG
  - Increase communication
    - Coords reference frame from enum → vocab.
    - Other?

Roadmap - Victoria

WG Status: ***Victoria***



Roadmap – College Park