Data Model Working Group

Opening Session

Chair: Mark Cresitello-Dittmar
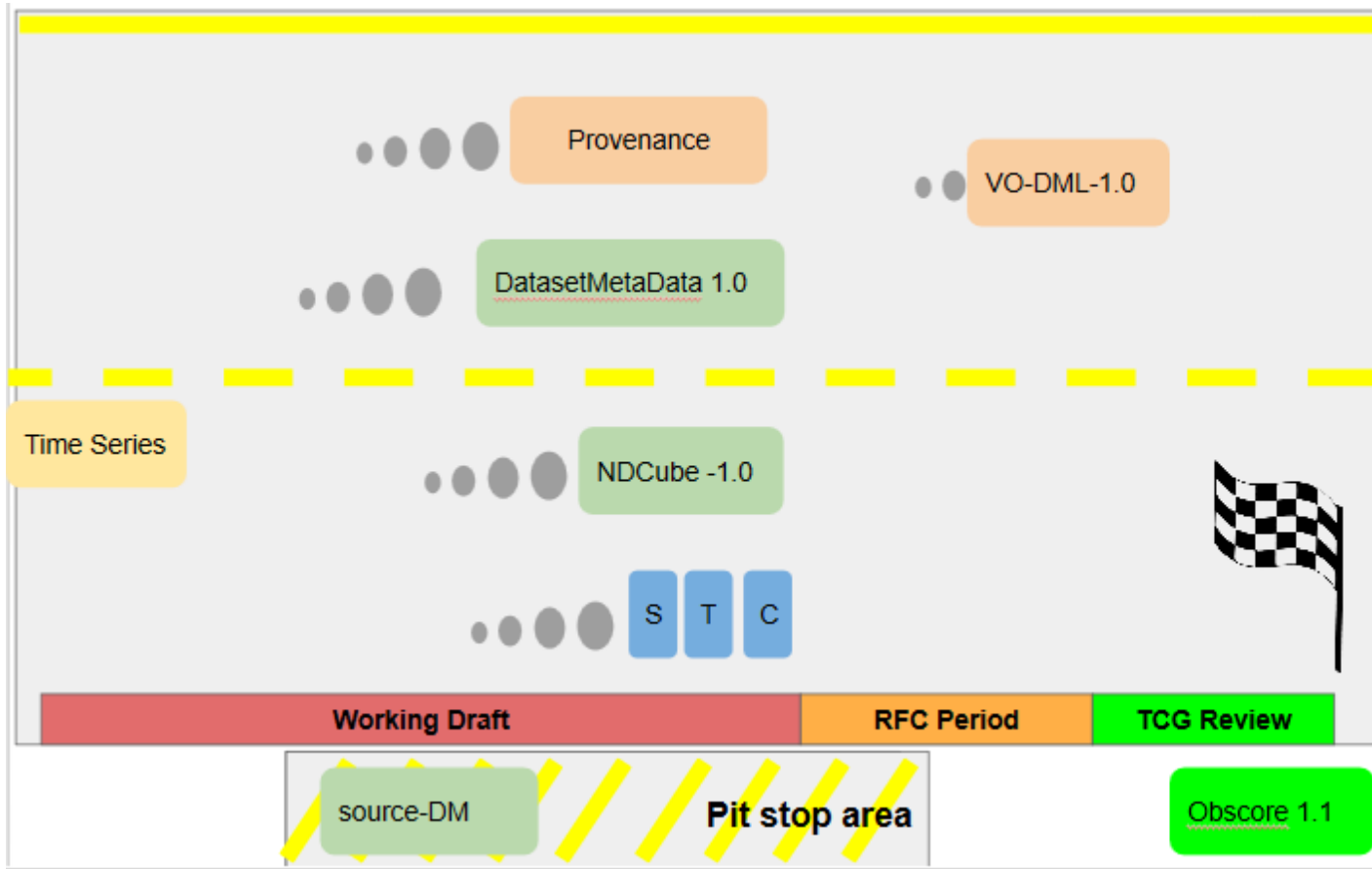Vice-Chair: Laurent Michel

Report on roadmap

Working Group Activities

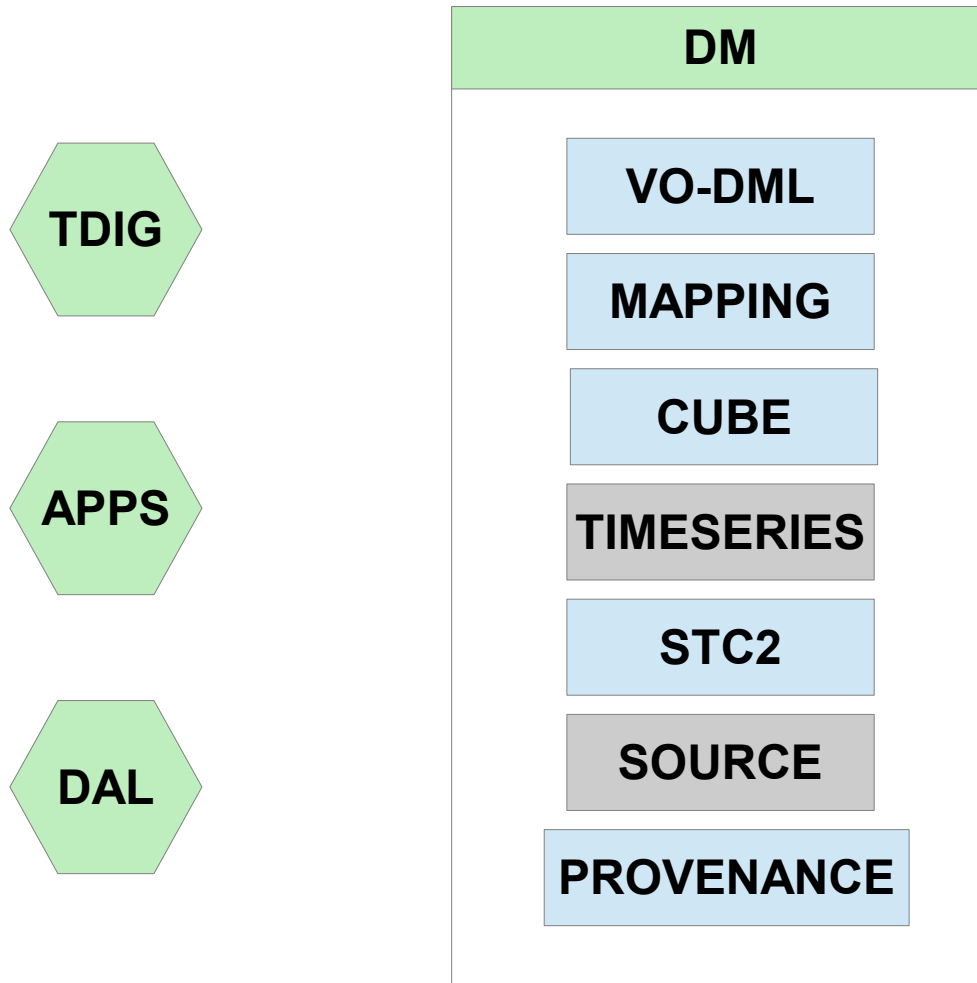# Working Group Activities
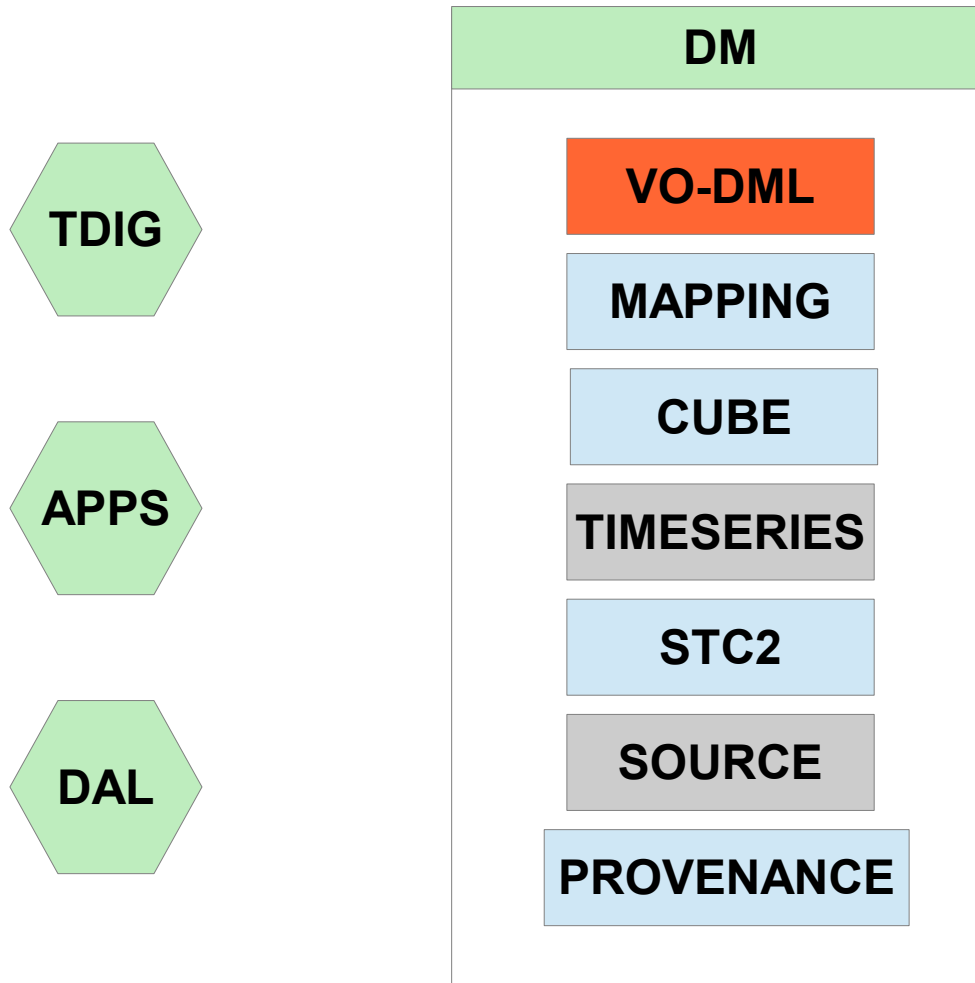
TDIG

APPS

DAL

DM

VO-DML

MAPPING

CUBE

TIMESERIES

STC2

SOURCE

PROVENANCE

Toward REC

- Document to TCG review
  - updated registry appendix info
  - language clarifications and typo-s
  - full TCG WG approval 5/04
- Documents updated 5/10; uploaded to ivoa repository
- TCG chair approval 5/18
- ** Sent to Exec! **

Working Group Activities

DM

VO-DM

MAPPING

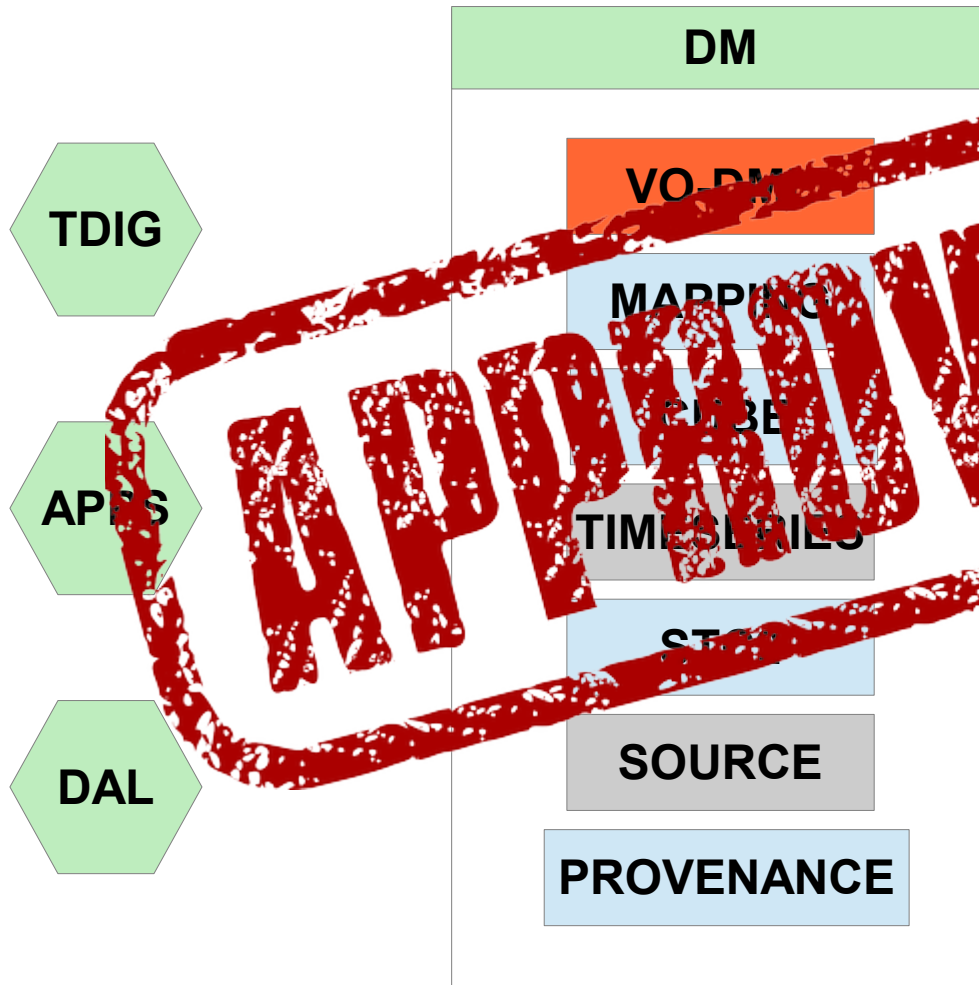CUBE

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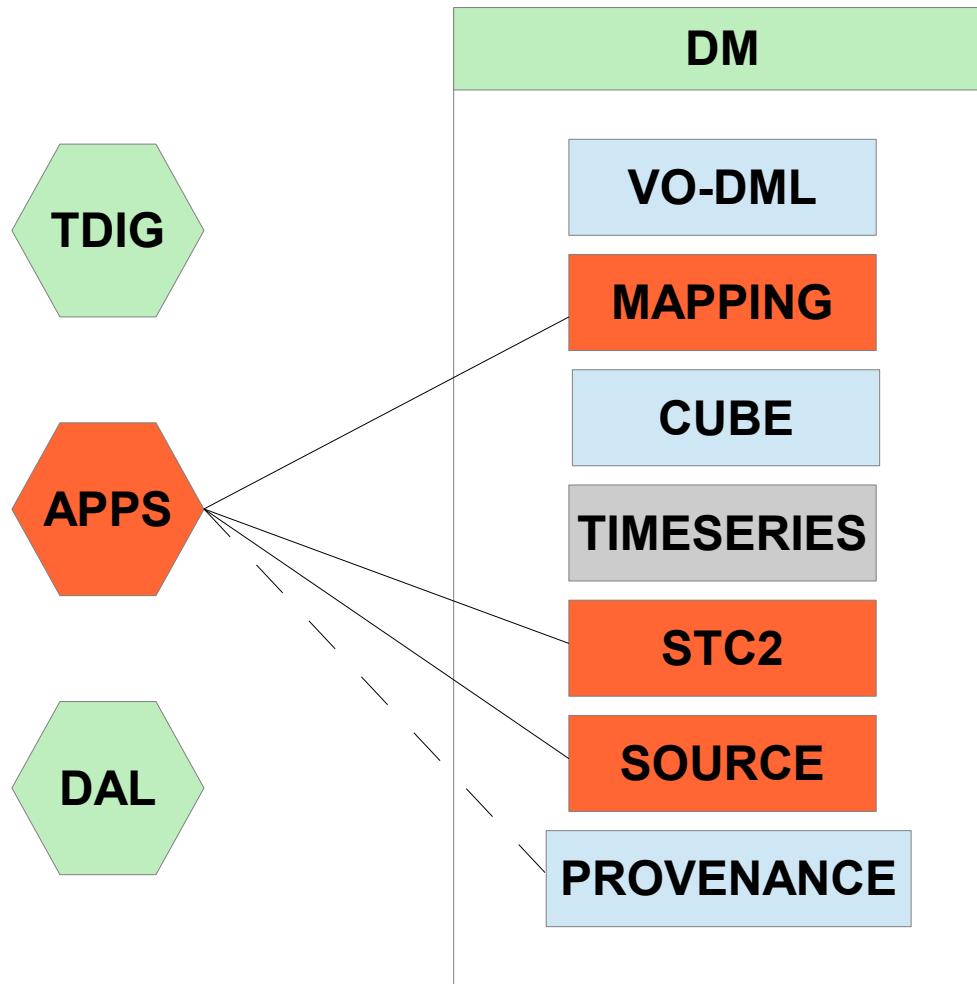- ** Sent to Exec! **
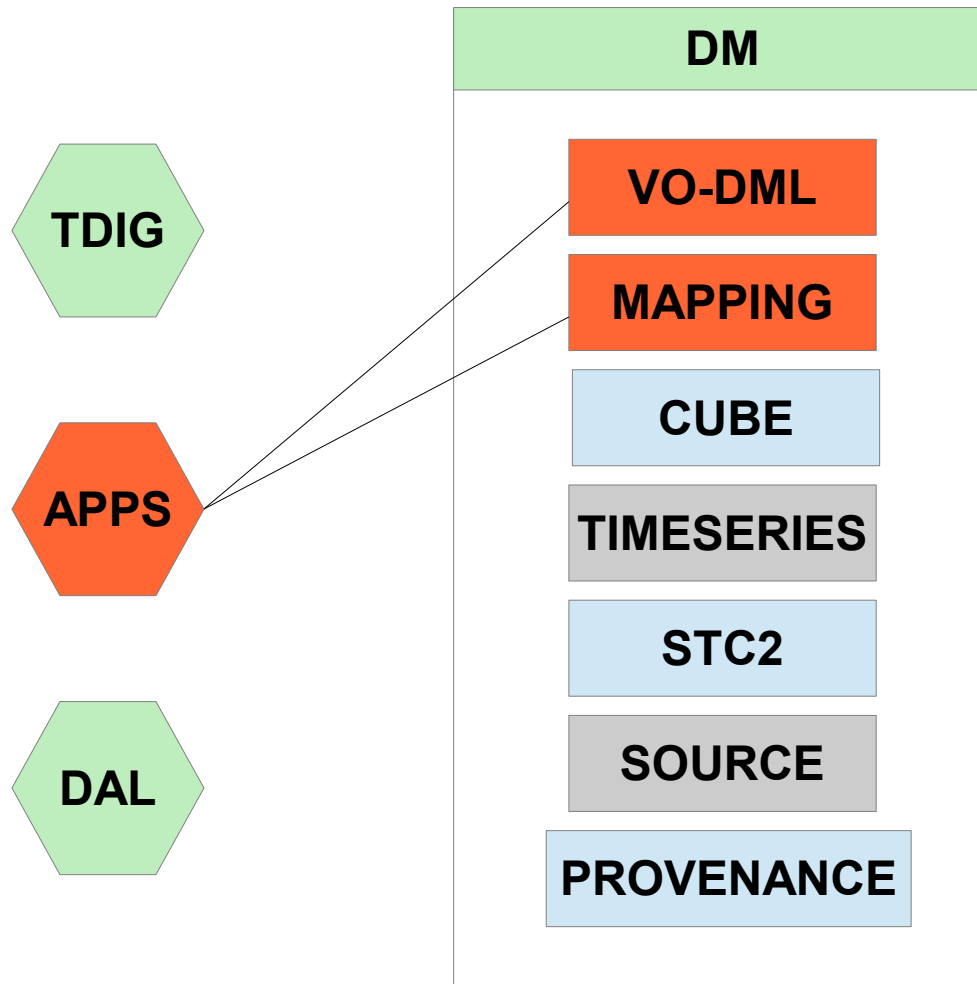
Working Group Activities

**MAST Portal
Hubble Source Catalog**

- Model driven discovery (prototype Source model)

- Annotated query/response using live service

- Python library parsing annotated VOTable

- Hook for Provenance based query for contributing image data
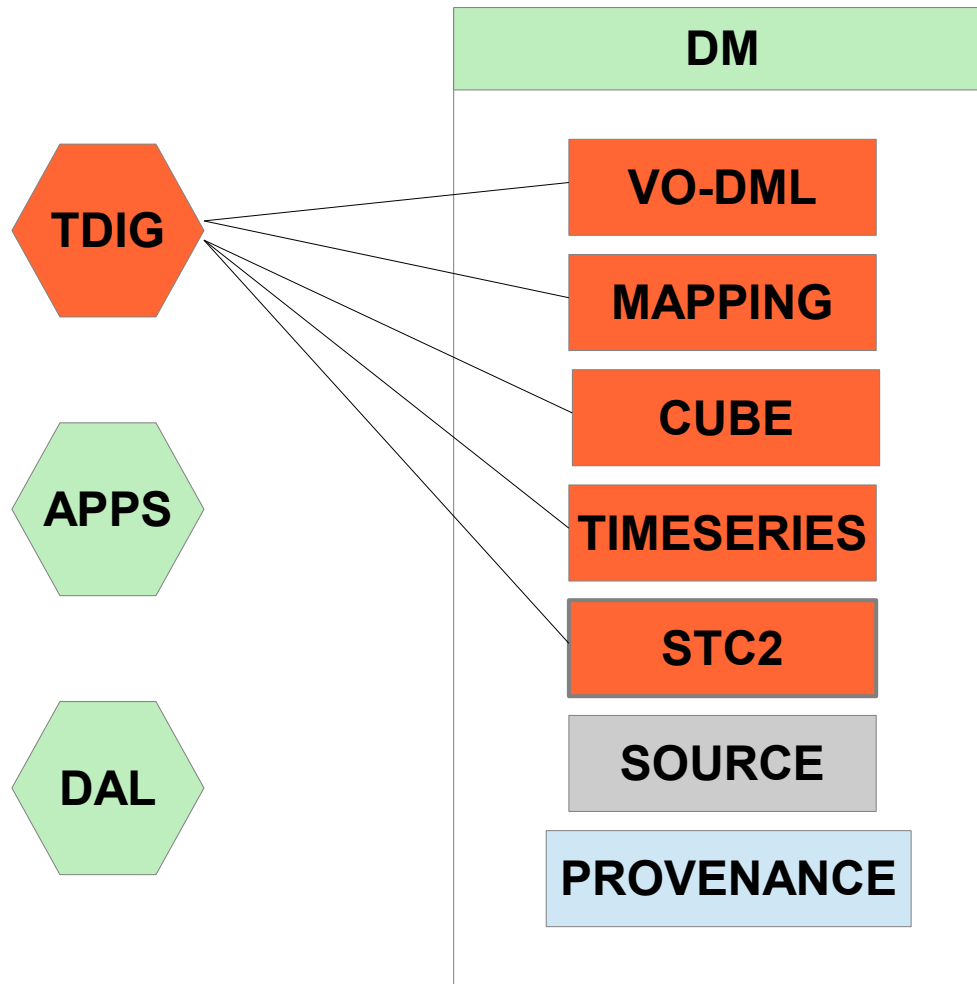
Working Group Activities

VO-DML Mapper

- Facilitates mapping data products to models
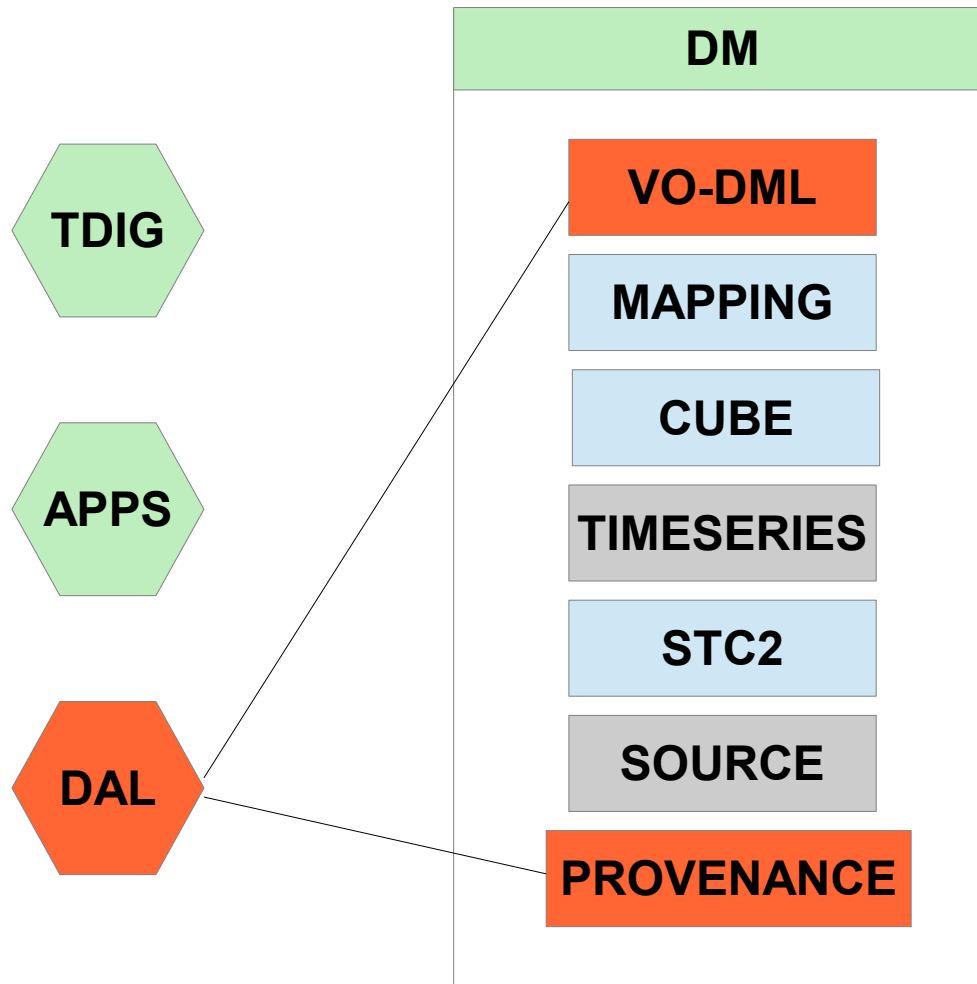
- Generates VO-DML annotation

Working Group Activities

TimeSeries Note

- Toy VO-DML TimeSeries model extending Cube, STC

- Serializations of real sample datasets

- Annotated with proposed mapping syntax

Working Group Activities

Provenance/ProvDAL

- IVOA Services

- Exploring serialization strategies

- Updating model for new use case

Sessions

- ## DM1: Tues 5/29   16:00-17:30   Spirit CD

  - VO-DML related topics

  - Preparation/primer for Hack-a-thon

    - Reference Implementations and Tools

Sessions

- ## Hack-a-thon: Wed 5/30   14:00-15:30 Spirit

    - ### Interactive, hands on work with vo-dml modeling and annotations

        - Bring your own... model, data, questions
        - Work through 'demo' threads

    - http://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpMay2018VODML

Sessions

- ## DM2: Thurs 5/31   16:00-17:30   Spirit AB

  - Model status presentations (Cube, STC, Prov)

  - IVOA types in CAOM

  - Data discovery discuss: how to preserve classification annotation in scientific discovery process