

# Running Meeting

Inform the WG on what has been done since July

# Workshop Outcomes

- Models
  - Working with integrated models
    - MC
    - Cube
    - Mango
  - Mapping syntax to be merged
    - No fundamental differences between both proposals
    - Consensus easy to build
    - Must come with clients or library

# Model Status

- Measure Coords
  - Some changes suggested in the workshop
    - Almost ready to go back in RFC
- Cube
  - Waiting on Meas/Coords
- Mango
  - Some changes suggested in the workshop

# Mapping Specifications

- Long discussions during this summer (see GitHub issues)
  - Good consensus reached: takes the best of the 2 proposals
  - Schema written in XSD 1.1 (complex assertion)
    - For now the XSD validation covers all allowed patterns
  - Agreement on a **shy** integration in VOTables
    - Validator running against **both schemas** already working
- Specification elaboration
  - Work on many snippets (+ real datasets) tested by unit test tools (Python)
    - Test allowed patterns
    - Test forbidden patterns
- This huge test suit may be used to validate the standard or to write validators

<https://github.com/ivoa-std/ModelInstanceInVot/>

# Mapping client

- Python client extracting model instances as JSON string
  - Derived from the code presented at last interop (PyVO and the models)
  - Code still not clean
  - Not all mapping features implemented yet
    - Need the mapping syntax to be completed
  - Connection with AStroPY investigated

<https://github.com/ivoa/modelinstanceinvot-code>

# WG Roadmap

- Mapping (LM MCD)
  - ↳ Mapping client (LM)
    - MANGO (LM)
    - ↳
      - STC (MCD)
      - Cube (MCD)
- Community management (D Morris, M Louys F Bonnarel)
  - ADASS BoF: TAP and the DMs
  - Contributions more than welcome
- Very tough
  - Far beyond our VO time
  - Help welcome

# Radio Obscore

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