

# VODML in VOTABLE

IVOA Interop, Sesto, 2015

# Agenda

- What's the point?
- Goals
- Current status
- What are your questions/concerns?
- Next steps

# What's the Point?

- Allow structured data to be communicated in VOTABLES

# Goals

- As soon as possible allow DM work to proceed using a semi-stable VOTABLE syntax
- Minimize impact on VOTABLE clients
- Minimize impact on VOTABLE data providers

# Current Status

- Mapping document
  - <https://code.google.com/p/volute/source/browse/trunk/projects/dm/vo-dml/doc/MappingDMtoVOTable-v1.0-20150427.docx>
  - TBDs
  - Feedback
- Examples
- Code
  - Tools
  - Implementations/Prototypes

# What are your questions/concerns?

- Concept
- Mapping document
- Syntax
- Impact on current VOTABLE parsers

# Determine Next Steps

- (All) Homework: Read doc and raise questions or concerns.
- (Tom, Gerard, others) Implementations
  - Deserialize sample file
  - Deserialize alternative sample file
- (Gerard) Augment mapping document as needed (ongoing)
- (Gerard, Tom) Examples
  - Create comprehensive examples to cover all use cases
  - Create other format (JSON?) version for all objects serialized in examples. Could be useful as:
    - succinct description of objects
    - input and output for serialization/deserialization round-trip testing.
- “Finish” document
- More Implementations
  - Serialization/deserialization of “real” data
  - Use deserialized objects in a client