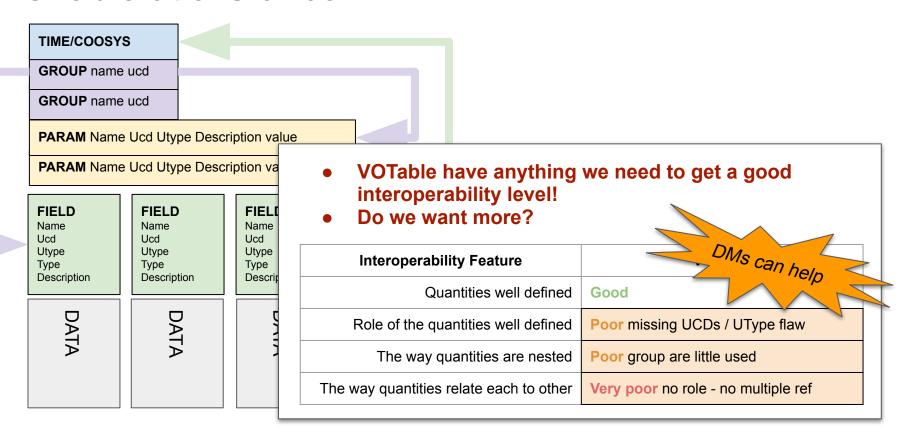
How Can Data Models Help to Enhance Interoperability

Scientists - Data providers - Developers Model users have the floor

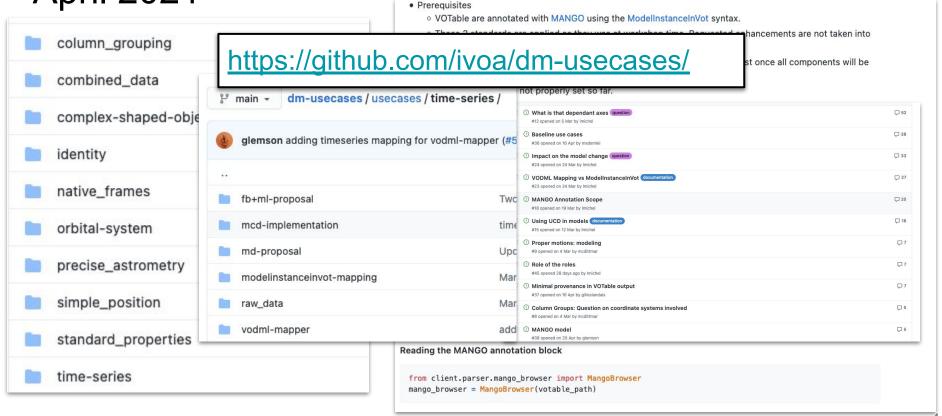
Interoperable Data

- #1 Datasets contain all information required to be processed
 - Display
 - Plot
 - Filtering
 - X match
 - Data sharing
 - 0 ...
- #2 Client must be able to understand this information without running provider-dependant code

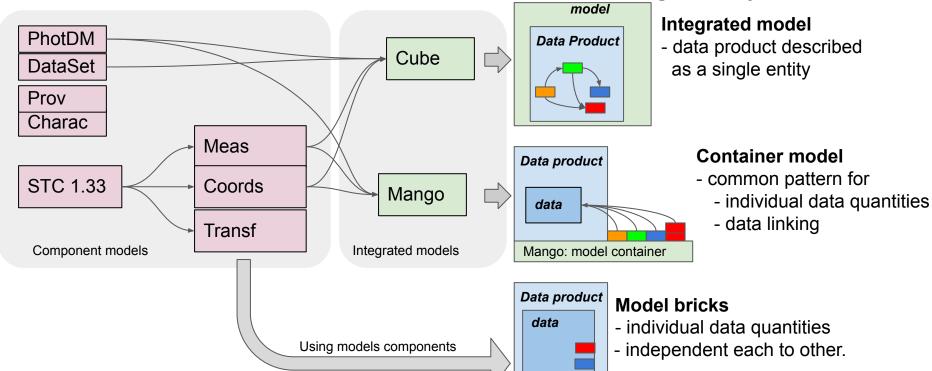
VOTable at a Glance



Workshop step #1: Working on use cases January - April 2021



Workshop step #2: Pre-interop meeting: May 17



https://wiki.ivoa.net/twiki/bin/view/IVOA/Dm2021

Workshop step #3: Interop Sessions

Model users have the floor

- No model diagrams
- No XML
- Developper point of view
- Science cases

Expected returns for the community

- Connection between modeler and model users
- New model cases
- Vision of where the model developments could end up.

Agenda

Session #1 Model users have the floor

Time: Wednesday May 26 15:00 UTC

Speaker	Title	Time	Material
Laurent Michel	Introduction	8'	
Jesus Slagado	Data Models: Homogeneous view for heterogeneous data	10+3	
Jean Michel Glorian	A developer's point of view on the use of models in the votable	12+3	
Matthias Fuessling	Science case requirement for CTA	10+3	

Mou. rator: Jesus, Notetaker: Jesus, notes: Etherpad link

Session #2 Model users have the 1100r

Time: Thursday May 27 15:00 UTC

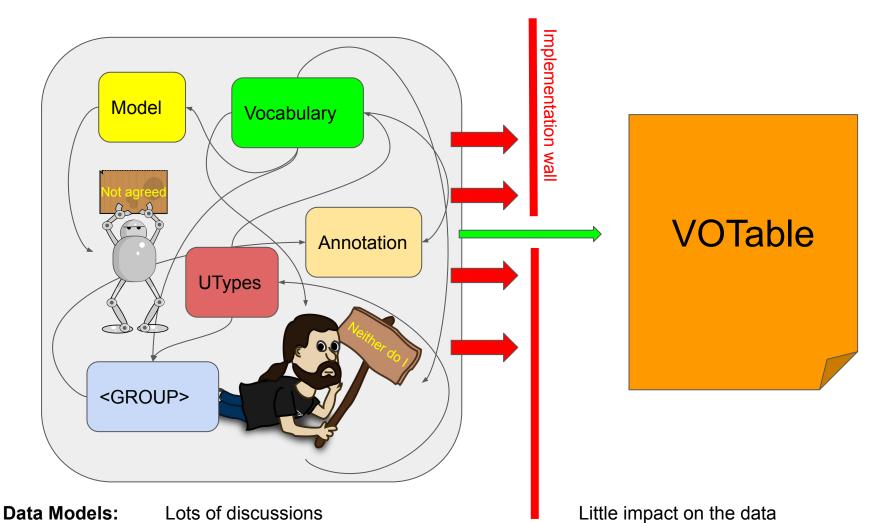
Speaker	Title	Time	Material
Laurent Michel	Introduction	4'	
Gilles Landais	Annotated VOTable in VizieR	12+3	
Ian Evans	Chandra Science and DMs (TBD)	12+3	
Jean Marc Petit	Asteroids: astrometry, photometry, dynamics, survey modelling	10+3	
Laurent Michel	Binding PyVO with MANGO	10+3	

Moderator: Jesus, Notetaker: Jesus, notes: Etherpad link

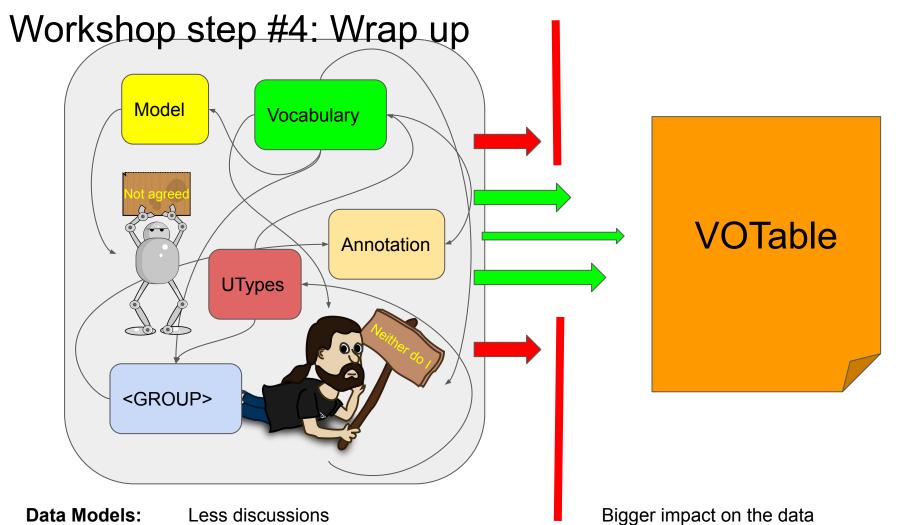
Session #3 Let's talk mapping syntax

Time: Friday May 26 15:00 UTC

Speaker	Title	Time	Material
Laurent Michel	Introduction	5'	
Gerard Lemson		10+3	
Laurent Michel		10+3	
Mark Cresitello Dittmar	Summary	10+3	
Gerard Lemson	VODML mapper tool	10+3	



DM-WG - Laurent Michel Jesus Salgado - LockTown#3 - May 2021



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