

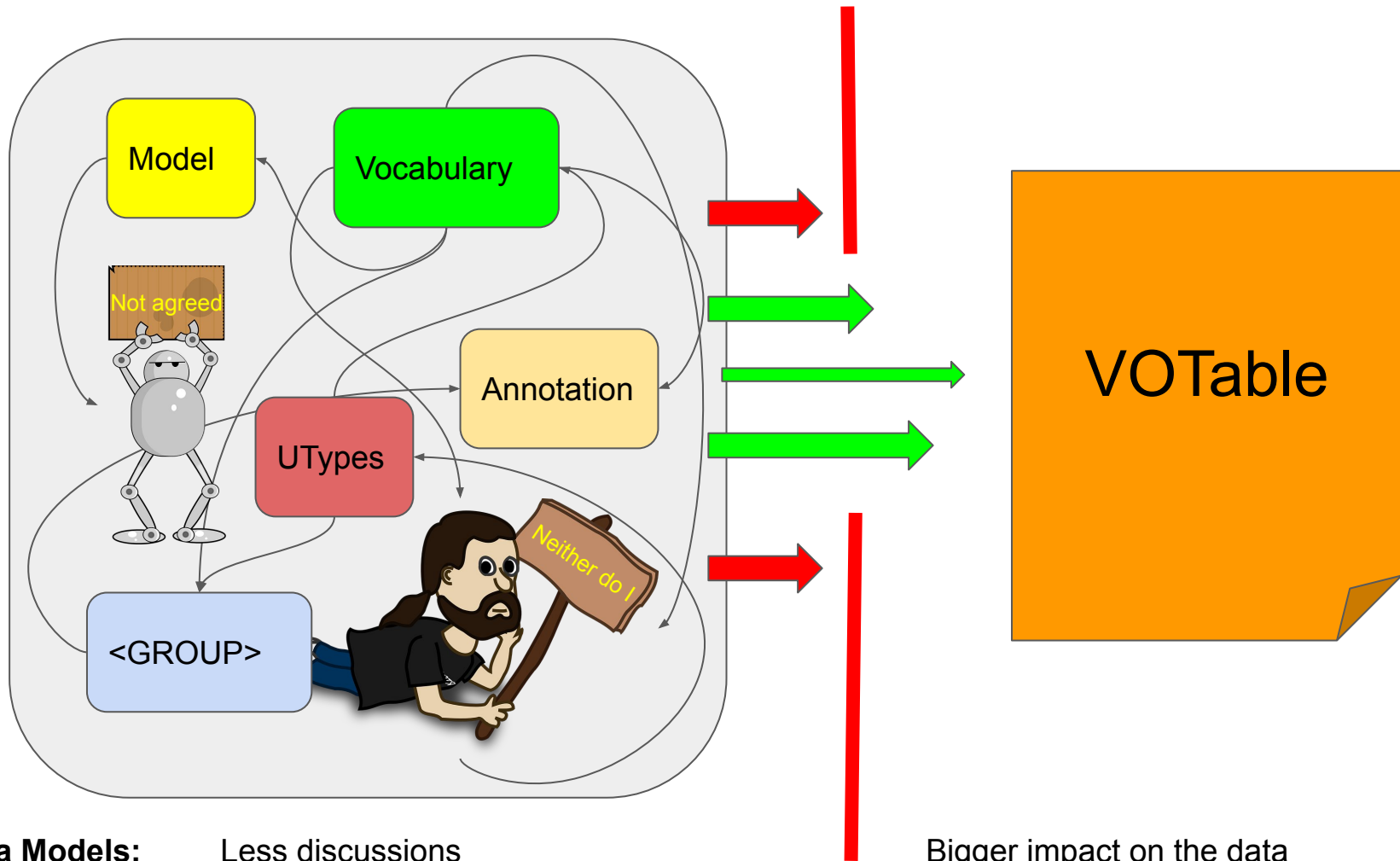
DM WG -closing remarks

Agenda

- **Thursday May 27 5:00 UTC Apps/DAL**
 - **Provenance** (*Mathieu Servillat*)
- **Thursday May 27 6:30 UTC DAL/DM**
 - **ObsLocTap** (*Jesus Salgado*) <<<<<<< **Very close to REC!!!!!!!**
 - **Obscore** (*François Bonnarel*)
 - **Spectral DM** (*Vananda Desai*)
- **DM Workshop May 26-28 15:00 UTC**
 - **Jesus Salgado** Data Models: Homogeneous view for heterogeneous data
 - **J. Michel Glorian** developer's point of view on the use of models in the votable
 - **Matthias Fluessig** Science case requirement for CTA
 - **F. Bonnarel** Mango YAML serialisation
 - **Gilles Landais** Annotated VOTable in Vizier
 - **Ians Evans HE** Science considerations for IVOA data models
 - **Jean Marc Petit** Asteroids: astrometry, photometry, dynamics, survey modelling
 - **Laurent Michel** PyO model-based API
 - **Gerard Lemson** VODML Mapping
 - **Laurent Michel** ModelInstanceInVot
 - **Mark Crestitello** Mapping summary

Key Facts

- Provenance:
 - Model endorsed by the community
 - Number of teams interested in implementing Provenance especially in Radio an HE
- ObsLotTAP **ready for the exec vote**
- Obscore
 - Interest for extensions in radio astronomy and time domain data
 - Consider adding join tables
- Spectrum DM
 - Proposal for as little extension, must be discussed in the WG



Data Models: Less discussions

Bigger impact on the data

Key Facts Workshop

- **Models:**
 - MC, Cube and MANGO accepted
 - New use-cases
 - X-RAY Astronomy
 - Asteroids, multi-core datasets
 - CTA and MM astronomy : meta-data characterization
- **Data Provider / client**
 - Need for annotations to help processing spectra
 - Need to associate parameters
 - Need for a simple description of the photometric calibration
 - Need for a simple view on provenance
 - Annotation on the fly feasible
 - Model-based PyVO API easy to design
- **Mapping syntax**
 - Divergence between the 2 proposals (VODML mapping and ModelInstanceInVot)
 - Proof of concept for a YAML serialization of model instances

Workshop What's next

- A report on step #1-3 will circulate in Interop
 - Feedback welcome
 - To be endorsed by the contributors and the TCG
- Post interop meeting (date TBD)
 - Endorse the points of agreements
 - Roadmap for the points of disagreement
 - Set-up a list of the new use-cases to be considered
- WG activities
 - Follow-up of the RFC process of the endorsed standards
 - Keep people having presented their needs in the loop