

# Theory I.G.

# Closing session

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### Discussion in DAL session

#### Presentation of the global architecture

- Description of protocols, experiments, ... based on SimDM
- Metadata stored as developers thinks is the best for data (not necessarily RDBMS)

- Implementation in REST compatible infrastructure
- Queries done by a few operations to discover services and datasets
  - some are similar to Registry Interface
  - REST operations
- Simple query language (select, from, where not TAP)

These general ideas have been approved by DAL W.G.

## Cutout

Data in theory:

Multi-dimensional hypercube (1D, 2D, 3D, ...) axes: position, wavelength, any physical quantity

→ need a generic cutout

HYDRO 320 - 50Mpc, doshed=foke PH, solid=NO PH and the translation of the translation of

At each «pixel», several physical quantities extractable

→ need to be able to specify these quantities

# Plan up to next InterOp

Cutout implementation (?)

<ul> <li>Implementation in VO-Paris</li> <li>continue the implementation on cosmological simulations and astrochemistry models</li> </ul>
Other publishers ready to do implementations
☐ Intermediate meeting before next InterOp (Euro-VO Cosadie Technical Forum)
☐ Begin to write the W.D. on the parts that are reliable