

# Theory Interest Group

## Closing remarks

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IVOA interoperability meeting  
Sydney, October 2015

The Simulation Data Access Protocol (SimDAL) is a proposed VO protocol to discover simulations and numerical models and to access data extracted from these simulations in a standardized way.

- IVOA Working Draft 07 September 2015.
- Main authors: David Languignon, Franck Le Petit.
- Time for implementing and feedback.

This interop:

- No Theory IG dedicated session.
- Talk in DAL session.

First implementation feedback.

- 60 collections of isochrones and evolutionary tracks.
- All 3 SimDAL services implemented.
- Successful implementation.
- Improvements suggested (some of them important).
- Discussion about possible redundances with other VO protocols.

## Feedback summary

- Easy to implement for this simple case (apart from simDM xml serializations)
- More important suggested improvements:
  - Make citable references explicit and easy to access.
  - Fields: specifying which ones can be used for cutout or only for retrieval.
  - Allow that several files can be linked as belonging to the same dataset. For instance, adding a “views” functionality to DataAccess.

## Expectations (from now to next interop)

- More implementations (at least Paris and SVO, maybe Italy and Mexico...).
- Implementation notes.
- More Feedback.
- Improvements.
- Convergence with other VO protocols?