



Astronomy ESFRI & Research Infrastructure Cluster
ASTERICS - 653477



Again on publishing tools? ...yes (with a small tail on federated authorization)

Marco Molinaro
INAF – OATs

DAL Reference Implementations

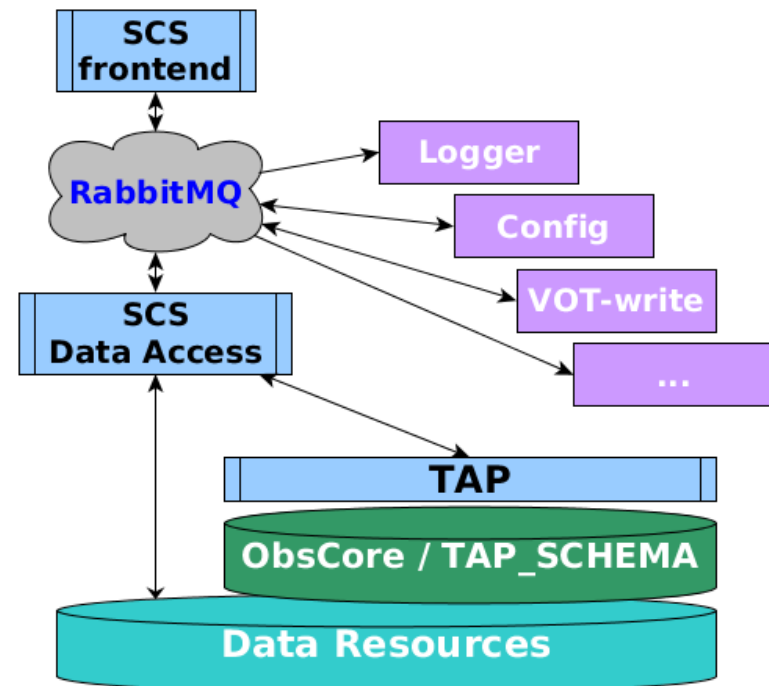
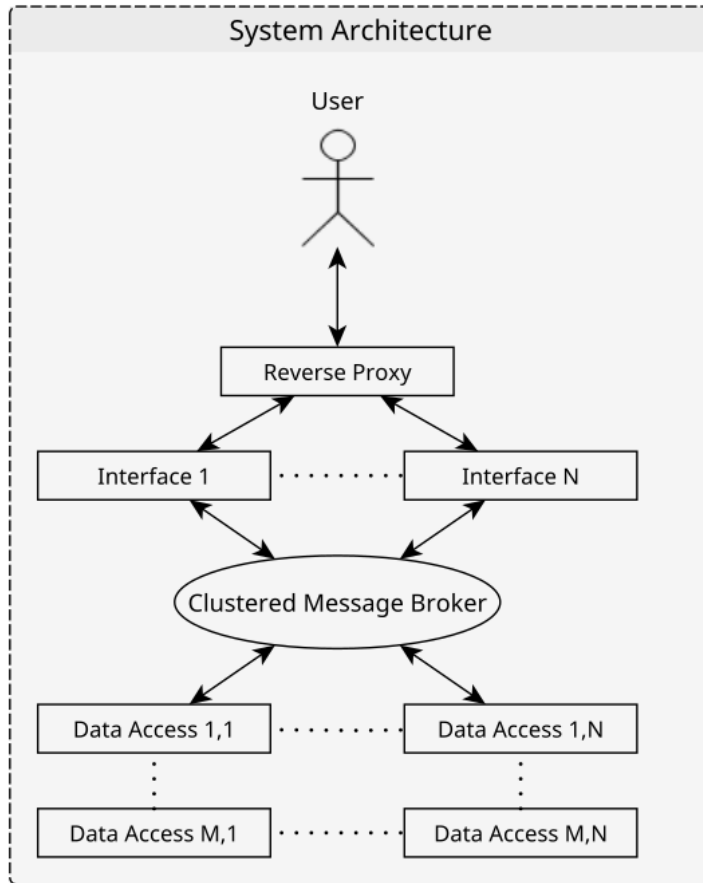
- (user side)
 - Difficult to port from one provider to another
 - *Not exactly true*
 - Scenario moving towards re-usable/incremental tools
- (standardization side)
 - Difficult to find more implementors
 - More collaborative development

May we need some more effort to move from
Reference
To
Out of the box / Re-usable?

Why and how to try (push) this change?

- Foster take up
- Allow for (easier?) minor versioning?
- Allow for services containerization?
 - Helpful on the EOSC side
- Distribute development efforts
- Use building blocks/libraries

Modular solution @ IA2 - overview



Modular solution @ IA2 - status

- Cone Search (nearly) ready
- SIAv2 on the way
 - maybe by Victoria
- SSA on the list
 - Spectral Access future?
- TAPlib based TAP middle-layer
 - Serves also form-based portals
 - Need minimal extensions
- Next?
 - VOTable module
 - Model flavoured
 - Upgrade logging solution
- Issues?
 - (data) Resources need to be in place
 - (see Nullmeier talk)
 - Admin solutions not in place
 - TASMAN apart

Message driven interface: is custom!

Federated Authorization @ VO

- Users grants based on groups
 - Collaboration with CADC
- Ongoing work to extract GMS ReST interface
 - Should be ready for discussion in Victoria
- Federating Identities still a problem
 - Especially on the global scale
- Should CDP go beyond X.509?