

CoSADIE Second Technology Forum
Strasbourg, 2-3 September 2013



VO Educational Resources & VObs.it status

Archiving, managing, publishing...disseminating



Outline

- ▶ **VO Educational Service Publisher and Archive**
 - ▶ Archiving hub solution with publishing capability
 - ▶ Resource administration and service generation manager
 - ▶ @IVOA: registering resources
 - ▶ @ADASS: archiving and publishing system
- ▶ **Vobs.it**
 - ▶ Ongoing work
 - ▶ Future perspective



Educational Resources

- ▶ Educational/Outreach reasons
 - ▶ see Massimo Ramella's presentation
- ▶ Robotic Telescope Network
 - ▶ UIR (*Universo In Remoto*)
- ▶ Reduce to a minimum user's effort to reach the "*registered service*" goal
 - ▶ Automate
 - ▶ data/metadata management
 - ▶ data/metadata validation
 - ▶ service publishing and registration

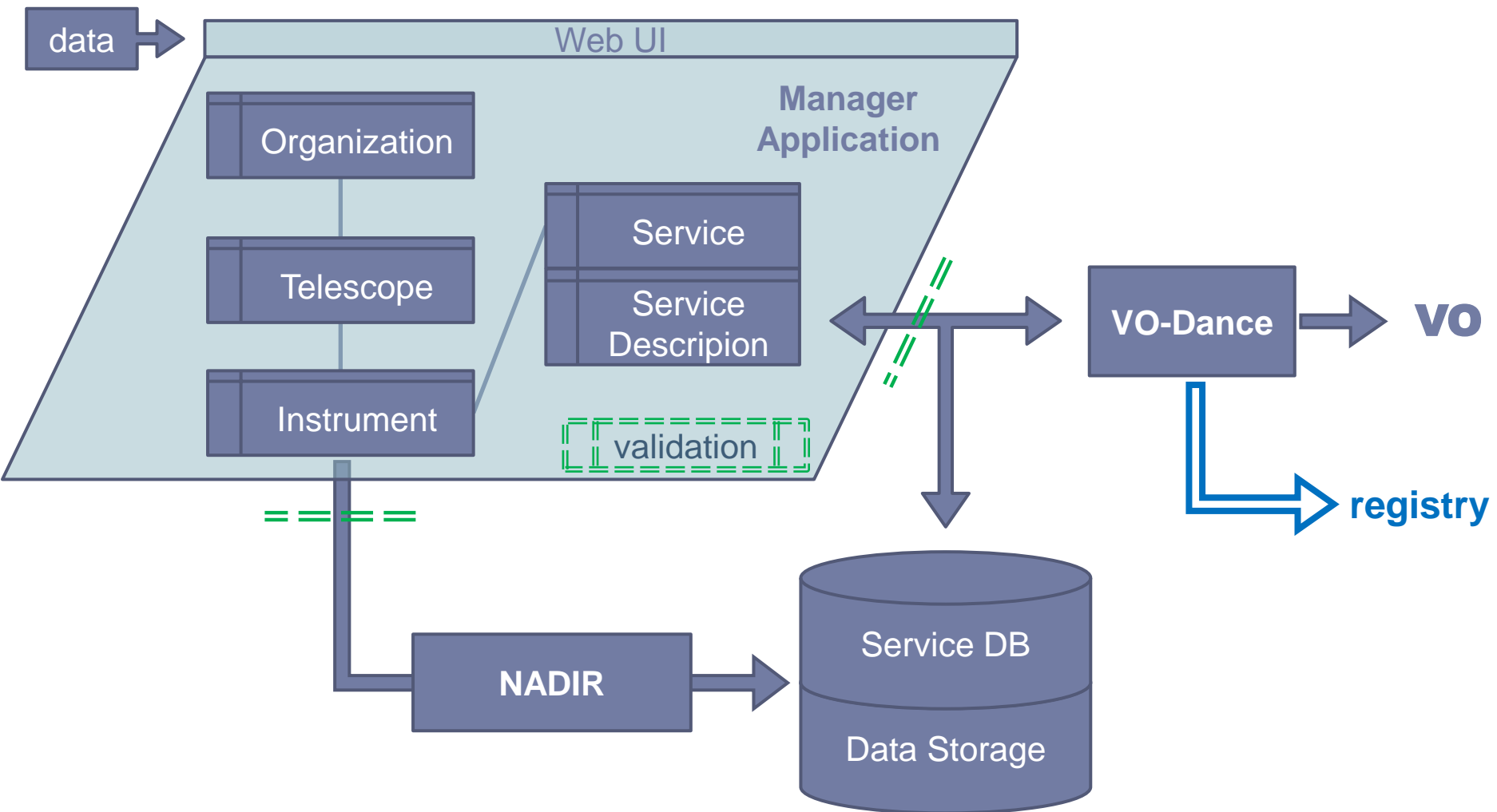


Archive and Publishing system

- ▶ Archiving
 - ▶ Capitalize on NADIR
 - ▶ New Archiving Distributed InfrastructuRe
 - ▶ Multiple observation data sources managed by a unique archive
- ▶ Publishing
 - ▶ Infrastructure manager
 - ▶ “organization”, instrument and service metadata
 - ▶ Service publisher
 - ▶ Direct connection to VO-Dance
- ▶ Registry edu/pro separation
 - ▶ Dedicated viewgraph
- ▶ Test-bed
 - ▶ SVAS (*le Stelle Vanno A Scuola*) INAF-OATs project



Edu Service Publisher and Archive





Edu Resource VO Registering

- ▶ Separating Educational from Professional resources
 - ▶ not necessarily a matter of *Data Quality*
 - ▶ actual institutional trustworthiness
 - ▶ Need to define an identifying token or other solution
- ▶ Possible pathways
 - ▶ vr:ContentLevel
 - ▶ already existing
 - ▶ multiple allowance problem?
 - ▶ Resource Metadata: Data Quality
 - ▶ “U” assumed by default
 - ▶ VOResource not reported
 - ▶ vr:ValidationLevel
 - ▶ does it make sense?
 - ▶ New VOResource element or EduRegExt?
 - ▶ Completely separated Registry grid?
- ▶ ReR, DAL, App to be involved (and Edu-IG, of course)



VObs.it

- ▶ Edu-IG involvement
- ▶ Publishing applications development ongoing
- ▶ Local registry effort
- ▶ GWS
- ▶ Theory VO restart

- ▶ National VO Workshop
 - ▶ Catania, December