



Visible 6T: software aspect 1/5

- Tools to prepare an observation (one step more to ease interferometry?)
 - Target + Calibrators choices
 - Observation strategy
 - Search in already observed Chara database
- Modelling Tools
- Transmit information to observing software



Visible 6T: software aspect 2/5

- ICS (Instrument Control Software):
 - Server side: Linux, C, Interface with the client
 - Client side:
 - Linux or multiplatform
 - GTK, Python, web technology(zebra html5)
- DCS (Detector Control Software):
 - Linux, Data Record & Storage, Quick look
- Fringe Tracking:
 - Standalone module or embedded in DCS?
 - Synchro with DCS?
 - Save data to help DRS



Visible 6T: software aspect 3/5

- One step more to data ready to publish to ease interferometry??!
- DRS
 - Automatic pipeline
 - Manage the pipeline through the web
 - Storage of the results
 - Automatic feeding of a database with L0 information
 - Manage data owner & protection



Visible 6T: software aspect 4/5

- One step more to data ready to publish to ease interferometry??!!
- Post tools
 - Manage Scientifics tools through the web
 - Feeding of a database with Lx information
 - Ease data exchange with VO tools
 - Strong Authentication of the users



Visible 6T: software aspect 5/5

- Database
 - What information does we want to store
 - Where
 - Secure access with login, certificate, etc
- Archive
 - Where (MWI, downtown USA, etc)
 - How, who
 - Raw data archive
 - OI Fits archive