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