JMMC report

- "normal" maintainance & improvement of our software suite for interferometry.
- OIFITS version 2 support (CHECKER)
- OImaging: frontend for various image-reconstruction programs.
- a2p2: direct programming of ESO's observations from Aspro
- New interface for our searchable OLBIN bibliography.
- "vlti center" (helpdesk) starting...

Warning: next slide is a sponsored advertisement

FINALLY (!) Through the full observational data lifetime circle

VLTI

CHARA

SearchCal

Prepare Observations

ASPRO

Reduce data

amdlib pndrs

View Data

OIExplorer

SAMP

Fit Models

LITPro

CDS Catalogs

OiDB

L0 to L3 DataBases

Reconstruct Images
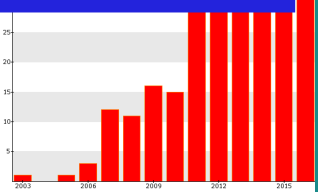
OImaging

+ Training

+ User Support

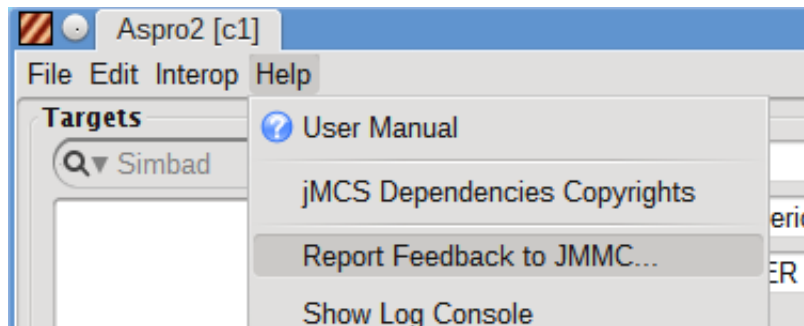+ OLBIN forum And Publications

JSDC JMDC

OImaging

- thin java client
- reads OIFITS, write "OIMaging OIFITS" (+image and parameters)
- runs WISARD (IDL/GDL) and BSMEM in the server (or locally).
- Waits eagerly for others nice IR programs that participated to the Opticon FP7-2 JRA.4 program (MIRA, SQUEEZE).
- not so many user comments at the moment...

ASPRO

- Open for new CHARA instruments ^))

- Ready to add e.g., AO star and take it into account in the noise computation.

- Eager for CHARA user returns

- (the feedback button!)

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- a2p2 ...

A2P2

- P2 is ESO's Preparation tool: database of Observing Blocks for accepted/scheduled proposals

- programmable by API (e.g., Python)

- A2P2 is Aspro to P2:
  - aspro gives star's (science,calibrator,AO,FT) basic data & configuration & instrumental mode
  - a2p2 finish filling the OB and send to repository
  - OB is retrieved by instrument and performed.
  - demo for people interested during breaks?

- A2P2 --> A2..Chara?

OLBIN Biblio

- new web interface in progress:
- bibdb.jmmc.fr
- Guillaume demo?

OiDB

- Release in preparation with more data and plots.
- Ready for CHARA day to day ingestion.