

The EVLA Parameters Database

Why?

- Why not? an obvious solution to the problem**
- Simple access and updates**
- Suited to a distributed implementation**
- Solves problems we would otherwise have to solve ourselves**

The EVLA Parameters Database

What?

Oracle DB implemented at the VLA

Only for EVLA operational parameters

e.g., pad positions,
antenna residency,
pointing models,
subreflector settings, etc

Organized to provide history of all parameters; nothing is discarded

This is a small data base

a hundred active parameters per antenna; ten per pad
only a few parameters are frequently updated; so grows slowly

The EVLA Parameters Database

How?

- ad hoc changes via a simple GUI

- SQL is easily generated to make wholesale changes

- Utility written to export Modcomp parameters vis SQL

- Organized to provide history of all parameters; nothing is discarded

- Java class provides interface for the executor