

EPICS Vv4 Services for Physics Applications

Greg White, SLAC, for EPICS "Vv4" team

1. Asked for **proposal for the minimum set** of particle accelerator control software services
2. Objective: standardize service APIs
3. **Standards -> Independent service developers** and client developers
4. In the context of EPICS "Vv4".
 - "complex"/"**structured**" data
 - moving into the service and application realm
 - **pvAccess** <-> CA.
 - **pvData** <-> CORBA Any / EXI data / **OMG DDS**. Marty, active development
 - pvManager <-> Directory Service for names. Gabrielle, Ralph
5. Minimum APIs. **Actual implementations likely will do more**
6. **Surprisingly few services with small interfaces, do A LOT!**
7. **Proposal paper**. See
http://www.slac.stanford.edu/~greg/Epicsv4CoreServicesDraft_1.04.pdf