

Tango2Epics Gateway

Tango device server (author Vid Juvan)

Presentation by Tadej Humar



- Integrate EPICS devices in TANGO framework
 - Control a set of EPICS variables
 - EPICS as a hardware layer of a Tango device
 - No development needed
 - Configuration only
- Expose EPICS PVs of a device with TANGO device
 - As attributes (map 1-1)
 - As commands (change the value of one or more PVs)
 - As states (state reflects the value of one or more PVs)
- Limitations
 - Commands: On, Off, Reset
 - No support yet in Tango for dynamic commands

EPICS

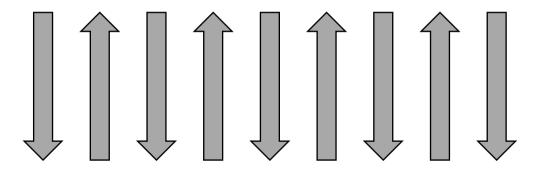
Channel Access Server: Process Variables

xxx: opened

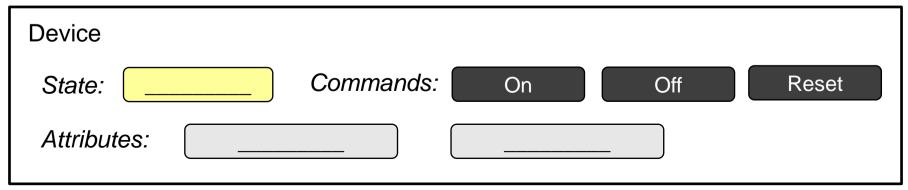
xxx: open

xxx: close

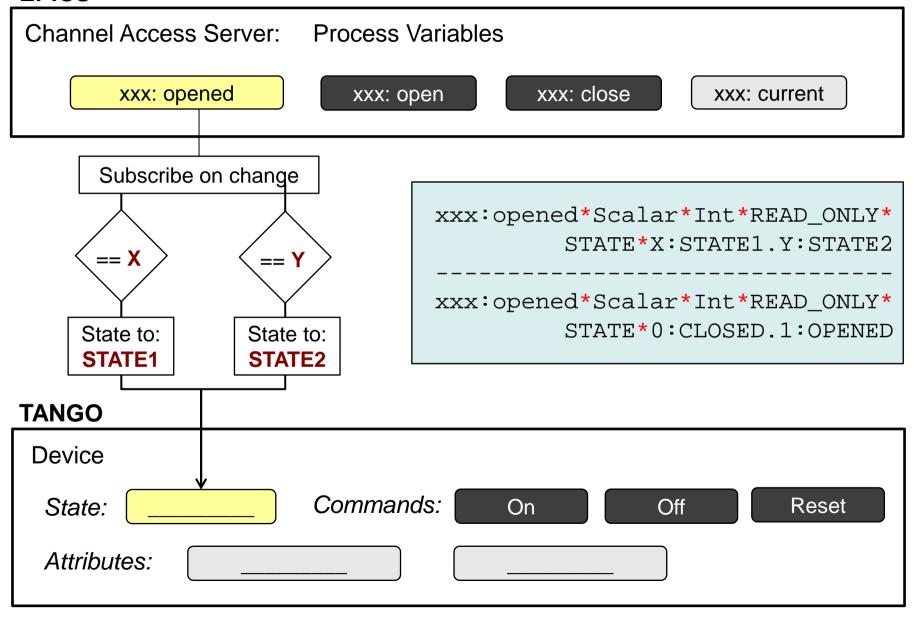
xxx: current



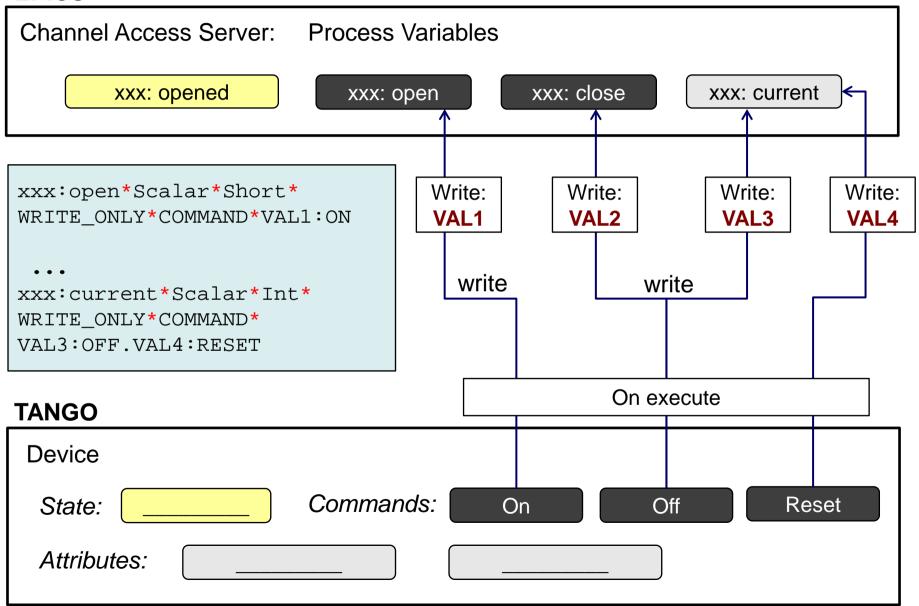
TANGO



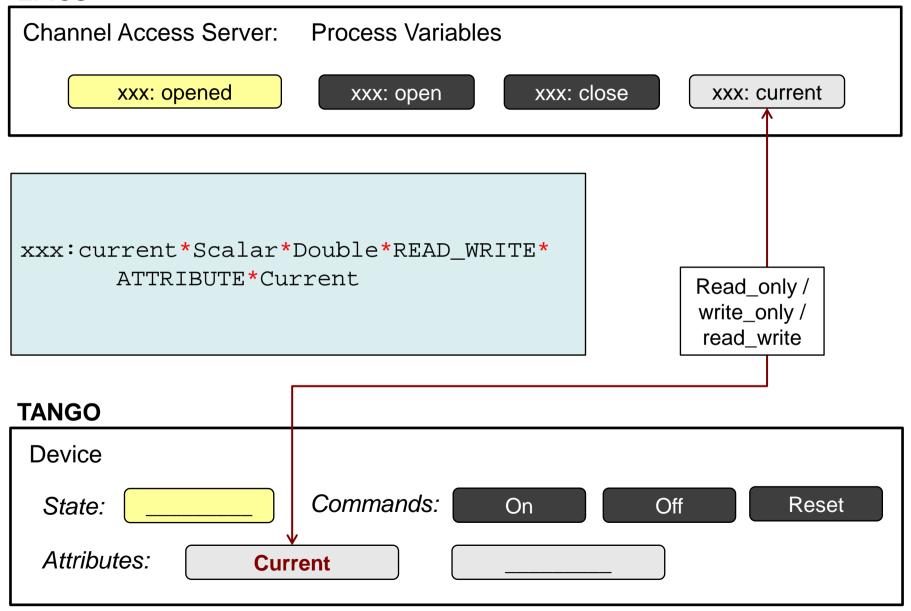
EPICS



EPICS

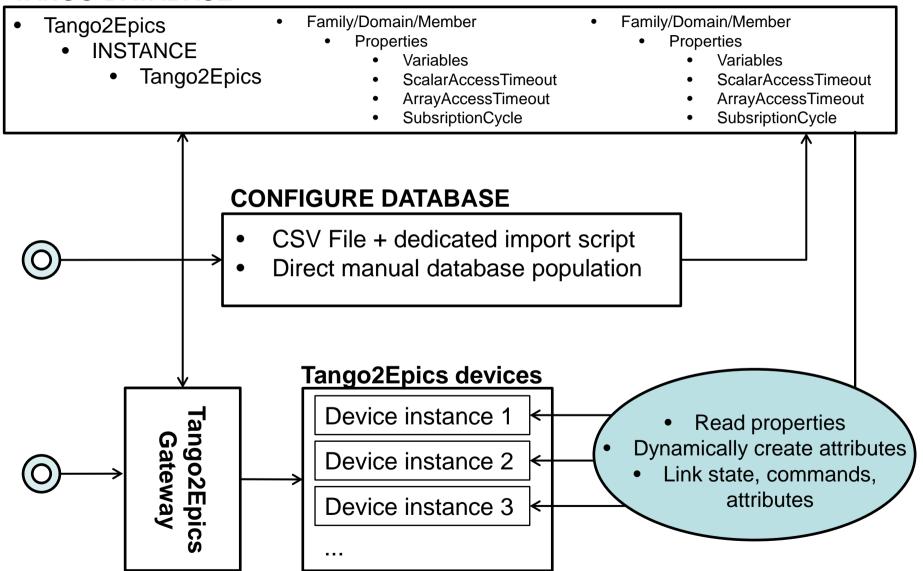


EPICS



Device integration

TANGO DATABASE



Future additions

- Alarms
- Events

Questions

