Future of Tango

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Database for multiple control systems

- Find a way to interact between control systems with different data bases:
  integrated with access control
  make visible only some devices
  - Example: beamlines and accelerator
  - Use a "master" database ?
  - "Federate" the different databases ?
  - BUT keep management of each DB separated!

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Tango core

- We agree with the improvements suggested this morning

- 64 bit support will be mandatory very soon

- Polling thread: in our experience one thread per device is useful. Example: access to multiple serial devices

- Multicast for events: big topic, should be studied

- SSL support: it is already in the ORBs, should we try it?

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Abstract Classes

- Key to develop "portable" high-level applications: Encourage their use!

- Should find a Class naming convention to mark that a real device derives from an Abstract class ? (useful for run-time checking for example)

Tango bindings

Elettra uses: C++, Java, Python, Matlab

We would like also a binding for IDL for the experiments

Miscellaneous topics

- OmniORB 4.1 is coming!

- Should we think of supporting other ORBs ?

Tango collaboration

• Video conferences: we tested them. We must use them more often!

• We can discuss "easy" topics on video conference and hold fewer but more "intense" meetings

• We should begin to use the new web server ASAP!