Sardana Follow-up Meeting (by ALBA)

25/01/2017

Sardana **objects references** and the compatibility with **Taurus4** (#668)

Element names - now (part 1)

- Tango device:
  - full name e.g. pc255:10000/motor/motctrl01/1
  - name e.g. motor/motctrl01/1
  - alias e.g. mot01
- Tango device logger:
  - name = Tango device name
- Pool element(s) (core) e.g. pool, motor
  - full name = Tango device full name
  - name = Tango device alias or Tango device full name
- MacroServer element (core) - the same as Pool elements
- Door element (core) - see #689
  - full name = Tango device name
  - name = Tango device name
- Serialization (core) uses: name and full name

Element names - now (part 2)

- Containers (in client objects - Taurus extensions)
  - Use full name as key in type and interface dictionaries

Element names - future

- Full name - following Taurus 4 fully qualified domain names (FQDN) e.g.
  - tango://pc255.cells.es:10000/motor/motctrl/1
- Name - just the simple name (user oriented)
  - name = mot01
  - Problem - MacroServer connected to two Pools in different databases

Element names in use

- measurement group configuration attribute (controllers and elements names)
- measurement group moveable and moveables attribute (moveables will be introduced after re-reverting #590)
- Sardana model names in taurusgui XML configuration
- all custom modifications for Taurus3 and Taurus4 compatibility

User experience

- Move a pseudo motor never ends (random) - seems like the State event is not generated.
- REPEATED from last meeting: It would be useful to have a prepare-measurement (with number of repetitions) before the measurement just once.
- REPEATED from last meeting: It would be useful to have a call to cleanup-measurement at the end of the measurement, not at each step in step scan, just once.
- Standard macros to manage the measurement groups.
- New repeat parameters syntax in sequencer (from text file)
- New Macro API method that would be always called at the end of the macro execution, could be called `cleanup` or `restore`