

Sardana Follow-up Meeting (by ALBA)

17/05/2018

User experience

- Issue with continuous scans: velocity set-point vs. readout
- MeasurementGroup start timeout
- execMacro does not work with repeat parameters
- New users are interested in Sardana
 - Several bugs discovered on Windows
 - EPICS generic controllers
 - Scan data analysis e.g. min, max and go to peak
 - Sequences
 - Simple ones loaded directly from the spock
 - More complex, with a DSL
 - Acceleration vs. AccelerationTime
 - How to set motor limits from the AddDevice level
 - Documentation needs improvements

Jan18 TODOs

- Element identifiers and FQDN
 - spock genutils and the pre-scan-snapshot part of the experiment description were not reviewed
 - Sardana model names in taurusgui XML configuration were not reviewed.
 - Limit deprecation warnings to one message per measurement group
 - ~~Sardana with Taurus3 use FQDN? decision~~

Jan18 problems

- ~~● Some unittests are failing on Debian 9 (most probably related to FQDN) - by Teresa~~
- On Debian 9 the first scan froze. After restarting Pool+MS+spock and running again, it all worked fine... (NOT REPRODUCIBLE)
- PreScan Snapshot of sardana elements is not stored (most probably related to FQDN) - by Antonio IN PROGRESS
- When choosing the module in which to create the macro, I only get .pyc files offered.
- Error when creating a new macro using the Macro Class template
- The created macros do not appear (probably related to the .pyc problem from the previous point.
- ~~● Testsuite fails in suse11 (most probably due to FQDN) - by Zibi~~

Tango Meeting - Status Report

Sardana

- Continuous Scans
- General Hooks
- Centralized Logs with Elastic
- Macro logging:
- Sardana objects identifiers are now FQDN (compatibility with Taurus 4)
- 2D detectors - coming soon
- migration of third-party repos

Taurus

- Pyqtgraph
- Formatter
- GithubPages
- Delayed event subscription
- Fullname always is FQDN
- Coming soon: Migration to Python3, Support enums, Manage the tango event queue in taurus