



TANGO meeting : SOLEIL 19/20th March 2007

Monday 19th March 2007 **MORNING** : Chairman **M.Ounsi**

Meeting Point is in the "Pavillon d'accueil" (at SOLEIL's entrance at 9H)

1 Status report (1H)

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| 1.1 | SOLEIL (A. Buteau) | 09h30 |
| 1.2 | ESRF (JM Chaize) | 09h45 |
| 1.3 | Elettra (C. Scafuri) | 10h00 |
| 1.4 | ALBA (J. Klora) | 10h15 |

2 Tango Bindings (30 mn)

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| 2.1 | Python improvements (Elettra) | 10h30 |
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- *groups*
- *attribute_config_ex() for python (e.g. manage events config with scripts)*

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| 2.2 | Matlab binding (Elettra, N .Leclercq) | 10h45 |
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Difficult to compile, install and run correctly. We should try to provide a binary distribution (a big lump linked statically...). (Alternatives to matlab ?)

3 Coffee break (30 mn)

4 Tango Kernel (1h)

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| 4.1 | C++ database interface: (ESRF) | 11h30 |
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| 4.2 | Tango kernel : discussion on "pending" requests | 12h00 |
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- max size of Tango messages.
- Omniorb-4.1
- atomic write_read_attribute(s) (see Nicolas mail on the mailing list)

5 Lunch

MONDAY 19TH MARCH 2007 AFTERNOON : CHAIRMAN A.BUTEAU

6 Historical Database (1H10)

6.1 Status at SOLEIL (Sandra Pierre Joseph) 14h00

6.2 Status at ELETTRA (C.Scafuri) 14h25

6.3 Open discussion (20 minutes) 14h50

HDB: status of the joint development by Soleil and Elettra, open questions, tools, support for events. This very important for us. As a side effect we can discuss about events and filters. We also need some advice from ESRF experience and listen to Alba requests (if they are interested). A special topic about HDB: "post-mortem dumps" - can be quite large, need microsecond resolution timestamps. Should we extend HDB or build a dedicated tool?

7 ATK (30 mn)

7.1 Presentation of last enhancements (Katy Saintin) 15h10

7.2 Use of jdraw and jvacuum (Alba) 15h20

7.3 Exporting ATK applications on the WEB (Majid) 15h30

8 Coffee break (30 mn)

9 DeviceServer and librairies collaborative work

9.1 Libera workgroup status (N .Leclercq + Elettra) 16h00

9.2 Advance Device ToolBox library (N .Leclercq) 16h20

9.3 Device repositories and documentation (Elettra) 16h40

9.4 Electrometers library : (X. Elattaoui) 16h50

9.5 Tango Web server and centralization of tango classes (Alba) 17h00

9.6 Andy's topics (A. Goetz) 17h20

- moving from CVS to SVN
 - embedding TANGO on FPGA and Gumstix
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10 Tango in other institutes (30 minutes)

10.1.1 DESY motivations to use TANGO (T. Kratsch) 18h00

10.1.2 TANGO on experiments at the CEA Saclay (O. Taché) 18h20

11 DINER: GIF Restaurant de l'Abbaye 20h

Tuesday 20th March 2007 Morning : Chairman N.Leclercq

12 Tango @SOLEIL

12.1 On the accelerators controls

12.1.1 Success and difficulties (A.Buteau) : 9h00

12.2 For beamline controls

12.2.1 Overall architecture of SOLEIL technical solutions (G. Abeille) : 9h150

12.2.2 Using the NeXus data format on SOLEIL beamlines (S.Poirier) : 9h35

12.3 A tour on a SOLEIL's installation organized in 4 groups

12.3.1 Group 1 : Visit of the accelerators : J.Coquet/S.Lê/K.Saintin

12.3.2 Group 2 : Visit of the CRISTAL (diffraction) beamline : S. Dupuy

12.3.3 Group 3 : Visit of the PROXIMA1 (protein biocrystallography) beamline :
M.Ounsi

12.3.4 Group 4 : Visit of the DESIRS (soft X-ray) beamline : N.Leclercq

13 Conclusion

13.1 Tango@ICALEPS2007 11h30

14 Participants

14.1 Alba

- Jörg Klor
- David Fernandez
- Emmanuel Taurel
- Sergi Rubio

14.2 Elettra

- Claudio Scafuri
- X1
- X2

14.3 ESRF

- Jean-Michel Chaize
- Andy Goetz
- Jens Meyer
- Pascal Verdier
- Vicente Rey Bakaioka

14.4 Desy

- Thorsten Kracht
- Teresa Nunez
- Lars Lottermoser

14.5 CEA Saclay (Département de Recherche sur l'Etat Condensé)

- Olivier Taché

14.6 SOLEIL

The 12 members of the ICA Controls group
