

# 26th TANGO Collaboration Meeting

Wednesday 26 September 2012 - Thursday 27 September 2012

HDBL, Herrsching



## Book of Abstracts



The abstracts for the TANGO collaboration meeting



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**Status Reports / 0**

## **Status-Report (FRM-II)**

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## **DESY**

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**TANGO Development II / 2**

## **Pogo templates migration.**

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<sup>1</sup> *ESRF*

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Pogo (the Tango code generator) has been developed using XText and XPand languages. XPand is now deprecated. The templates written in XPand must be re-written in XTend. This language extends java. Templates will be available for C++, java and Python.

**TANGO Development II / 3**

## **PyTango 8**

**Author:** Tiago Coutinho<sup>1</sup>

<sup>1</sup> *ALBA*

**Corresponding Author:** tcoutinho@cells.es

PyTango has long been a useful part of the Tango project. The new version introduces some news like Tango 8 API, python 3k compatibility and a better IPython integration.

**TANGO Development I / 4**

## **Tango kernel status**

**Authors:** Emmanuel Taurel<sup>1</sup>; Tomasz Rogucki<sup>2</sup>

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Classical Tango kernel talk

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## **ESRF status**

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Status and projects at ESRF since last meeting

**TANGO Development II / 6**

## **Migrating tango-ds to SVN**

**Author:** Jean-Michel Chaize<sup>1</sup>

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Overview of the situation of the tango-ds sourceforge projects in CVS and SVN. proposal for a new tree structure and roadmap

**Tools and managment / 7**

## **Online tool assisted distributed version control**

**Author:** Bjoern Pedersen<sup>None</sup>

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Using git in combiation with gerrit and jenkins to control source quality by code review and automated tests.

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## **Status Report (SOLEIL)**

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## The Solaris status

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**TANGO Development II / 10**

## Tango common devices' interfaces and abstract classes

**Author:** Piotr Goryl<sup>1</sup>

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## Implementing experiment status observer using Tango framework.

**Author:** Igor Khokhriakov<sup>1</sup>

**Co-authors:** Felix Beckmann<sup>1</sup>; Lars Lottermoser<sup>1</sup>

<sup>1</sup> HZG

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For high throughput experiments using neutrons or synchrotron radiation we defined a new software protocol. The central component is a Java Tango Server (StatusServer) that is dedicated to collect data during experiment will be presented in this talk

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## Sardana 1.2

**Author:** Tiago Coutinho<sup>1</sup>

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Sardana is aimed at helping tango based controls systems to achieve motion control and data acquisition. The new version plans to add 1D/2D channels, continuous scans and a better spock & GUI interfaces.

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## ALBA Controls Status

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## Elettra and FERMI@ELETTRA status

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status of the Trieste light sources

**TANGO Development II / 15**

## Teach instruments to dance Tango - The FRM II way of Tango

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## Provisioning a Tango platform for all collaborators of MaxIV

**Author:** Andreas Persson<sup>1</sup>

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In these age where Tango becomes more and more popular, the suppliers of equipment and other consultants are beginning to invest in the development of Tango Device. The talk is about the provisioning system that MaxIV could provide to support them.

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## **MAX IV Status Report**

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A short progress report on the MAX IV project will be given and a few ideas on how we would like it to be in the future.