>>>TANGO Controls on GitHub
Tango Control System
The official place for Tango kernel related projects

http://www.tango-controls.org  info@tango-controls.org

Repositories  People 21  Teams 3  Projects 1  Settings

Pinned repositories

- TangoTickets
  The official place to create an issue/ticket related to Tango when it impacts several repositories or you don't know where to create your issue

- cppTango
  TANGO kernel C++ implementation
  - C++ 14
  - Java 13

- JTango
  TANGO kernel Java implementation
  - Java 2
  - C++ 5

- pytango
  Python binding to Tango C++
  - Python 21
  - C++ 12

- rest-api
  Tango REST API specification
  - Java 2

- TangoDatabase
  - C++ 1
  - Java 4

Search repositories...  Type: All  Language: All  New
- GitHub.com/tango-controls
- Migrated projects
  - C++
  - PyTango
  - JTango
  - Built-in tools
  - REST API et al
  - PANIC et al
  - HDB++
  - ...

18/05/17  Igor Khokhriakov
What about devices?!

- In general devices reside in their own repositories e.g. SourceForge/svn
- Accessible for browsing on the Tango web site via Device Catalogue
>>> TANGO kernel development
C++ kernel library status report

- C++
  - Bintray debian repo
  - Docker containers for testing
- DevEnum labels in commands
- Others (???)
JTango library status report

- Synchronized with SourceForge/svn in April 2017
- Single assembly
- Bintray maven repo

```
<dependency>
  <groupId>org.tango-controls</groupId>
  <artifactId>JTango</artifactId>
  <version>9.3.1</version>
</dependency>
```
>>> TANGO Kernel
ROADMAP
• TANGO 9 LTS
• TANGO 10 minor releases to bintray
• TANGO 10 Refactoring 0: code clean up (end of 2017)
• TANGO 10 Refactoring 1: Protocol API (end of 2019)
  – Absorbing CORBA
• TANGO 10 Refactoring 2: Internal bus architecture (end of 2020)
  – Pluggable services
C++

• Implement features
  – DevEnum labels in commands
  – DevPipeBlob in commands
• Improve event subscription
• Refactorings
  – Main mid-term goal: Tango protocol API
C++

- Long-term refactoring: Internal Services Bus
JTango

- Refactor TangORB
- Jacob free version
- Integrate ez into TangORB
- Extract JClientLang
- Put into maven central
Call for arms!
• Contribution
  – Code review
  – Bug fixes
    • Guidelines
  – AskTangoControls

• Subcontracting
  – Windows support
  – Documentation
  – Web site