

Tango@SKA training course



Tuesday, 5 May 2015 - Wednesday, 6 May 2015

Osservatorio Astronomico di Trieste

Scientific Programme

The main goals of the training are:

familiarize with the TANGO environment,
understand principles, architecture, benefits and drawbacks,
learn how to write a Device Server.

What is TANGO :

Introduction to TANGO

TANGO device and device server

TANGO database

Communication models

Polling

Events

Alarms

Groups

TANGO ACL

Logging system

Historical Database

TANGO architecture guidelines :

Device hierarchy

TANGO domains

TANGO configuration process and tools:

Jive

Starter/Astor

Pogo

TANGO Installation

Client basics

Exercises:

test device

Other arguments likely to be discussed are :

available mechanisms for documentation generation

where to find documentation

analyze the relation between the TANGO device status and the SKA Control model (if sufficiently detailed)