TEchnologies for Telescopes and
Instrument control Software

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Tango Controls Software

Thursday 29 October 2020 10:50 (30 minutes)

Tango Controls is a free open source device-oriented controls toolkit for controlling any kind of hardware or software and building SCADA (supervisory control and data acquisition) systems. Tango Controls is operating system independent and supports C++, Java and Python for all the components. It has been currently adopted as the software control framework in the main European synchrotrons and, thanks to INAF Contribution, also in Square Kilometre Array as the control software system for the whole telescope.
INAF is part of the TANGO Collaboration: an international effort to support the core developments, maintain the code and support the community.
The talk will be shown the TANGO Software Architecture, the role of INAF in the TANGO collaboration, and the INAF projects involved with the technology.

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