

# SKAO

## Alarm event

Tango Controls IDLv6 workshop  
2023-05-11 - 2023-05-12

ALBA Synchrotron, Barcelona, Spain

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# A new event: Alarm

Proposal: <https://gitlab.com/tango-controls/TangoTickets/-/issues/65>

Bottom line:

- One event for one purpose
  - Can simplify subscribers
  - Allow dedicated subscribers
  - Events are delivered to subscribers that need them
  - Events are not delivered to subscribers that do not need them
- SKAO would like this for their alarm handling system



# How?

1. Add the new event to the IDLv6
2. Add a stub implementation\* to cppTango
  - a. Add the real implementation to cppTango asap, but when resources and priorities allow
3. Add the implementation to PyTango
4. Add the implementation to JTango

## \*Implementation:

- Publisher
- Subscriber
- Tests



# When?

cppTango:

- Before the cppTango 2023.10 release

PyTango:

- Next release following cppTango 2023.10

JTango:

- Next release that depends on IDLv6

Tools:

- Whenever IDLv6 is adopted



# Gitlab issues

- Proposal and discussion
- tango-idl
- cppTango



Thank you for your attention.

Questions?

*We recognise and acknowledge the  
Indigenous peoples and cultures that have  
traditionally lived on the lands on which  
our facilities are located.*

**SKAO**

[www.skao.int](http://www.skao.int)