



EPICS to TANGO Translator

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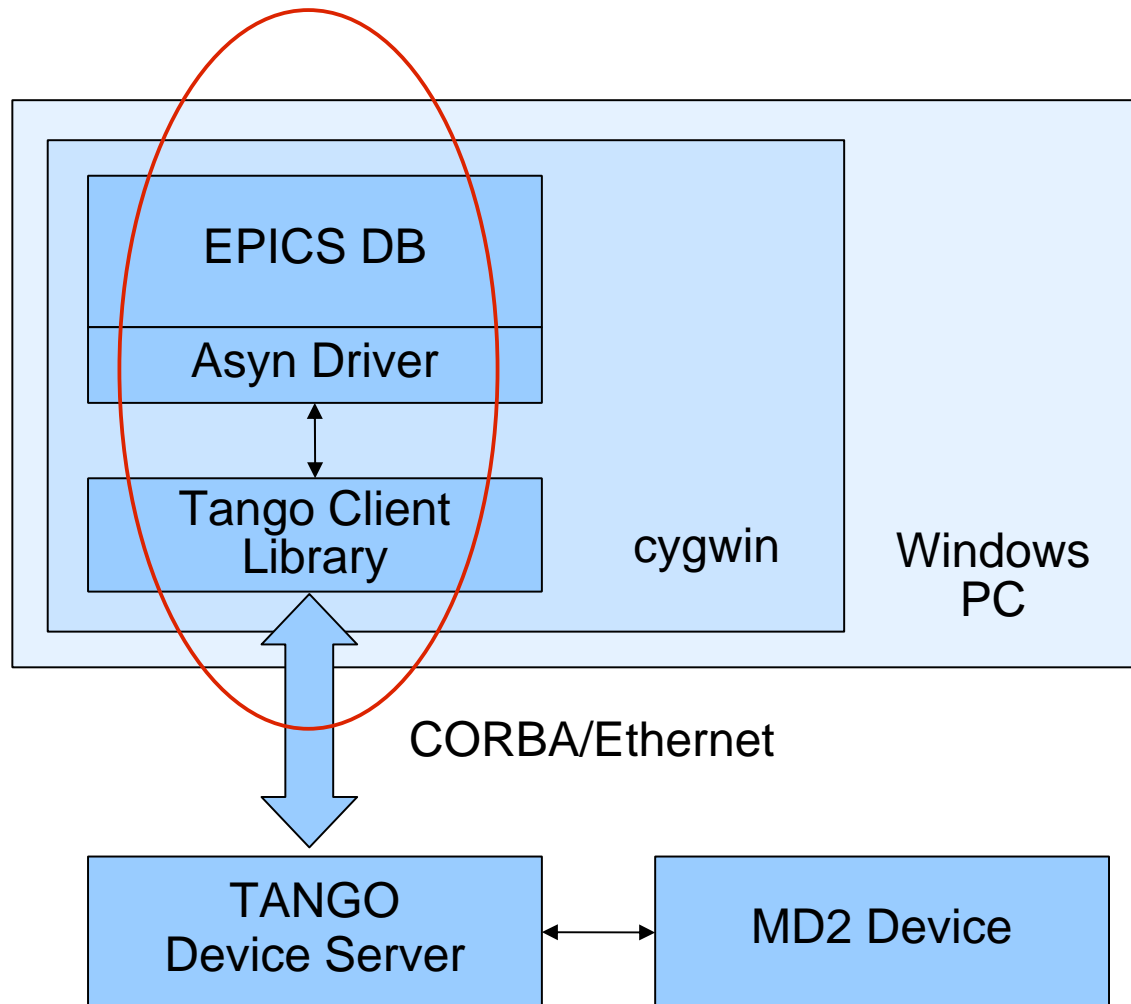
Supported in TANGO, we want it in EPICS

- Microdiffractometer developed by Maatel, France
- Existing device support in TANGO Control System
- Generic EPICS Support needed
 - Should work with future changes in the TANGO Device Server

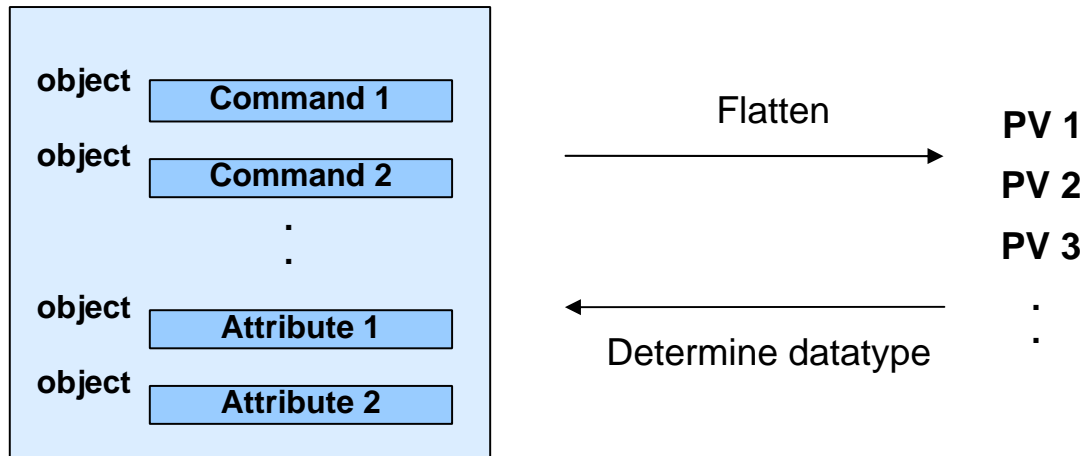


- TANGO interface library
- Communication handled through Asyn driver
- Generic approach for command calls and attribute manipulation
- Clearly defined format for command calls and attributes
- Support for all major TANGO datatypes

Building blocks of the solution



Mapping of objects to PVs



- Command and attribute naming convention
 - type
 - name
 - datatype

example:

```
@asyn$(PORT),$(ADDR)attr_ArchivePath_str
```

```
@asyn$(PORT),$(ADDR)cmd_MoveDevices_arrayof_shtout
```

Questions and answers
