

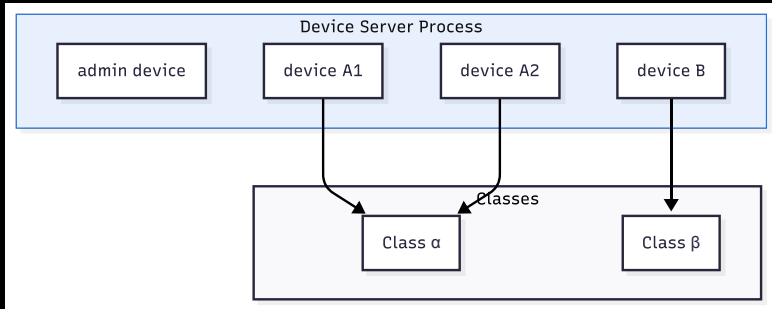
Device level dynamic attributes: Current state of development

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Current status



- ▶ Dynamic attributes can only be added to classes
- ▶ This means device A1 and A2 can not have different attributes. Or an attribute with the same name but a different type.

Sardana

- ▶ Devices of the Motor class can represent very different concepts
- ▶ It can create devices with the same attributes but conflicting attribute properties
- ▶ No good workaround on the Sardana level

cppTango Merge Request !1652

Evolving API: From

```
void DeviceImpl::add_attribute(Attr*  
attr);
```

to

```
void DeviceImpl::add_attribute(Attr*  
attr, bool device_level = false);
```

Same as the existing API for commands: `void DeviceImpl::add_command(Command *cmd, bool device_level = false);`

State

- ▶ Design: done
- ▶ Implementation mostly done
- ▶ Tests are there already but not complete
- ▶ Once the MR is ready, this needs adaptations in pyTango and Sardana. And of course tests.
- ▶ Target Milestone: cppTango 10.4.0

Questions ?