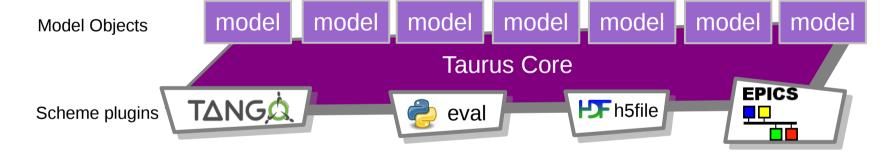
Structure of Taurus

Taurus Qt Widgets



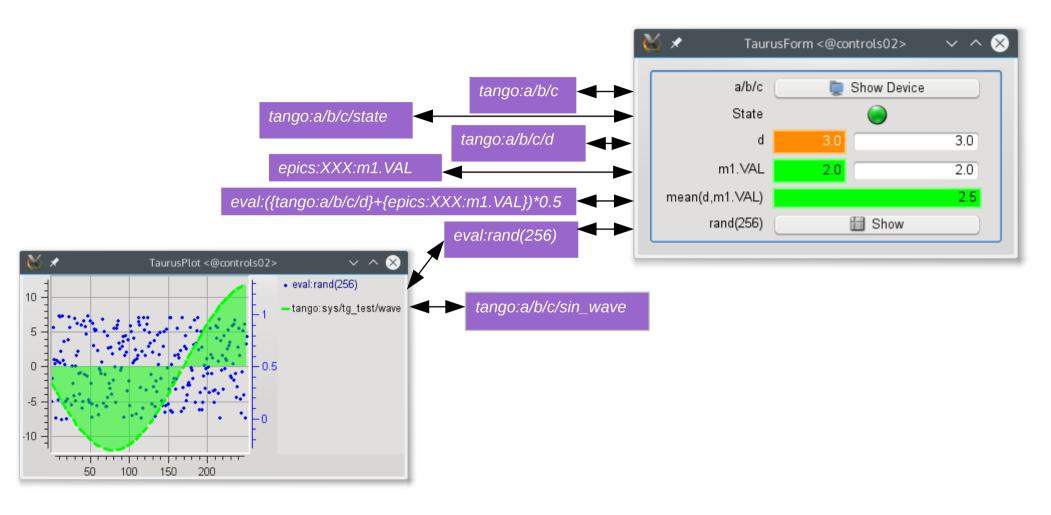
Taurus Core



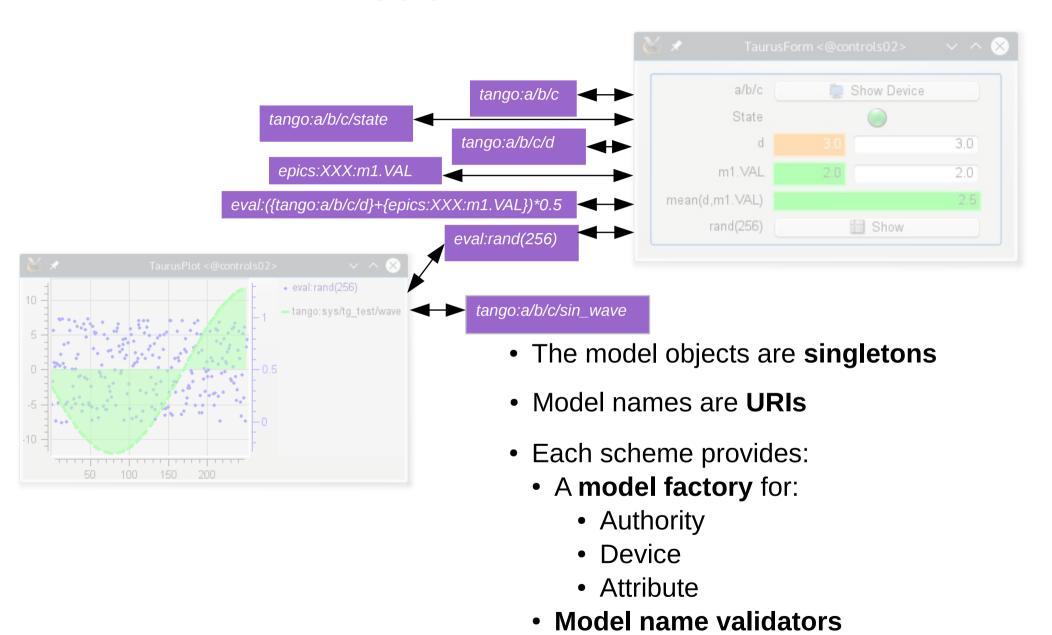
Data Sources



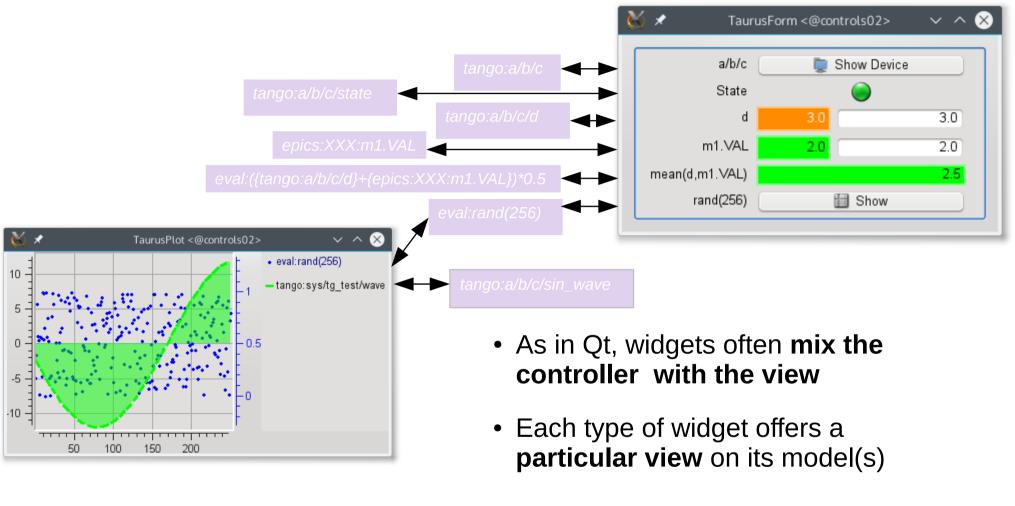
Model-View-controller



Model-View-controller



Model-View-controller



 All functionality is enabled by just attaching the widget to a model (i.e. providing its URI)

Eval scheme

- Allows mathematical evaluations
- Use any module or class as a custom evaluator
- Support writable eval attributes

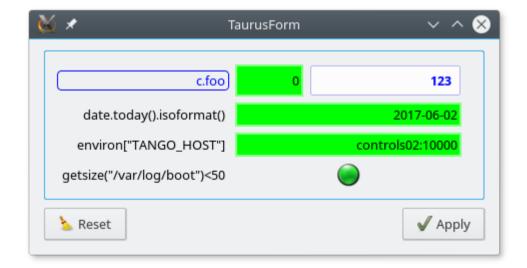


```
class MyClass(object):
   _foo = 0

def get_foo(self):
    return self._foo

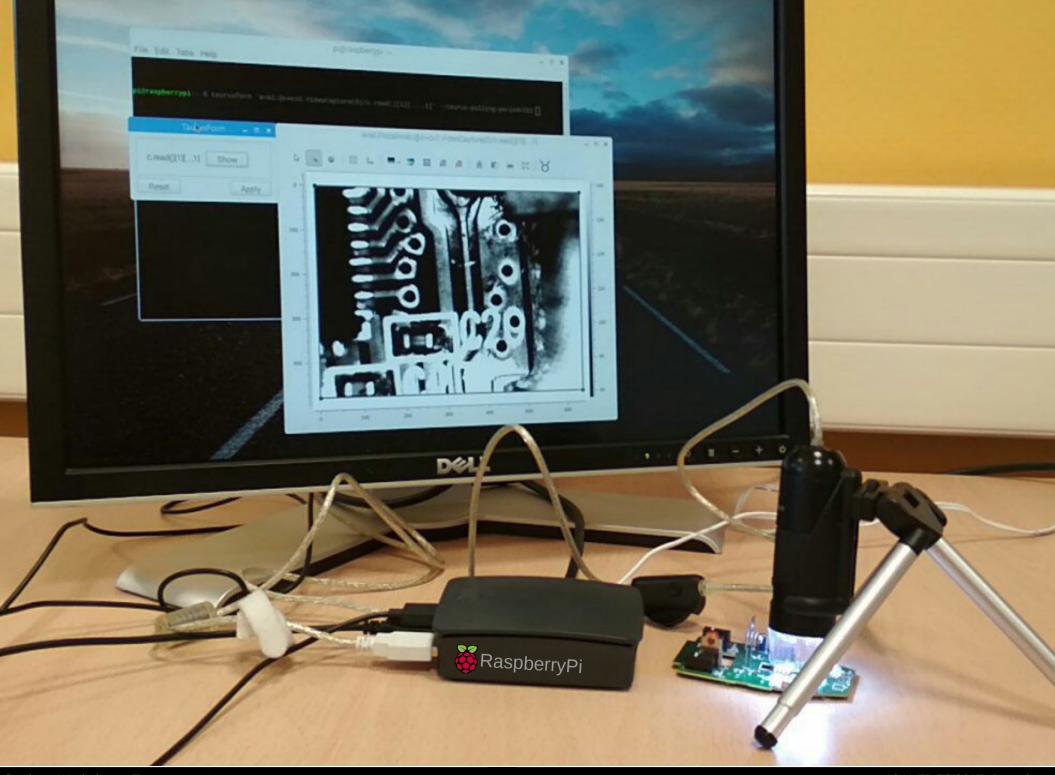
def set_foo(self, value):
    self._foo = value

foo = property(get_foo, set_foo)
```

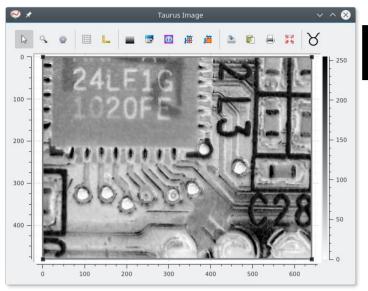




docs: http://www.taurus-scada.org/devel/api/taurus/core/evaluation.html mymod example: taurus.core.evaluation.test.res.mymod



Eval scheme: Capturing images from a webcam



\$> taurusimage 'eval:@c=cv2.VideoCapture(0)/c.read()[1][...,1]'

