

Lightning Talks

zope.testbrowser

Testing web apps

- Web applications want to be tested
- Integration tests (white box)
- Functional tests (black box)
- User behaviour

Testing raw HTTP input/output, good for low-level

```
>>> print http(r"""
... GET /helloworld.html HTTP/1.1
... Accept-Language: zh-cn
... """)
HTTP/1.1 200 Ok
Content-Length: 9
Content-Type: text/plain;charset=utf-8
<BLANKLINE>
大家好
```

- Raw HTTP transcript unfit for testing browser behaviour (=what the user sees)
- Selenium too slow, can't be automated (buildbot)
- `zope.testbrowser` is a programmable browser
- Three variants
 - `z.t.browser.Browser` opens HTTP connections
 - `z.t.testing.Browser` talks to the Zope 3 publisher
 - `Products.Five.t.Browser` talks to the Zope 2 publisher
- `zope.testrecorder` lets you record them (!!!)

- Zope 2.9/2.10 instance
- Install testrecorder
- Record something

Thank you

Questions?