

teach me



py. test

Our mission:

- Teach Mary how to use `py.test`
 - in this session
 - with no prior knowledge or experience
- Write tests for (a fraction of) `zookeepr`

py.test – all the good stuff

- ✓ Python test runner/testing library
- ✓ all test styles possible: unittest, doctest, nose
- ✓ boilerplate-free style – natural asserts
- ✓ support for running tests distributed, boxed
- ✓ generate JUnit-style XML for Jenkins CI
- ✓ informative error reporting
- ✓ extensible plugins, useful builtins
- ✓ skip, xfail, custom test markers
- ✓ parametrize, generate tests, funcargs!

Installing

- `pip install pytest` (recommended method)
- May be installable from your distro, e.g.
`apt-get / python-pytest`
- Call on the command-line as `py.test`

Now to the code!

For more on py.test

- <http://codespeak.net/mailman/listinfo/py-dev>
- testing-in-python mailing list
- Stack Overflow
- lead developer Holger Krekel is very responsive

credits, thanks, contact

Comic panels from comicallyvintage.tumblr.com

Mary for the idea (from Steve Holden/PyCon US)

Check out the more detailed intro to `py.test` I gave at PyConAU 2012.

Video: <http://youtu.be/DTNejE9Eral>

Code examples: **gist.github.com/3386951**

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