

SYSTEMS PROGRAMMING IN PYTHON - WEEK 3

TESTING 2 OF 2 NOSE & PY.TEST

py.test & nose

benefits compared to
unittest

test discovery

universal test runner

tests read like real code

“the best API is no API”

detailed information when
failures happen

stdout capture

allows print debugging

lots more

downsides?

not in the stdlib

confusion between
py.test and nose

how are nose and py.test
different?

"nose provides an alternate test discovery and running process for unittest, one that is intended to mimic the behavior of py.test as much as is reasonably possible without resorting to too much magic."

warning:

release often

make it easy to install

don't scare people

DEMO!

links

**`http://somethingaboutorange.com/
mr1/projects/nose/1.0.0/
index.html`**

**`http://somethingaboutorange.com/
mr1/projects/nose/1.0.0/
testing.html`**

<http://pytest.org>

<http://pytest.org/doctest.html>

<http://pytest.org/unittest.html>

ANNOUNCEMENTS

LECTURE A

(15)

LAB