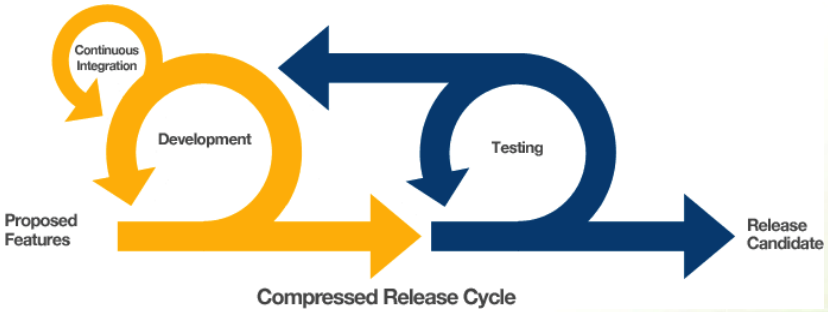
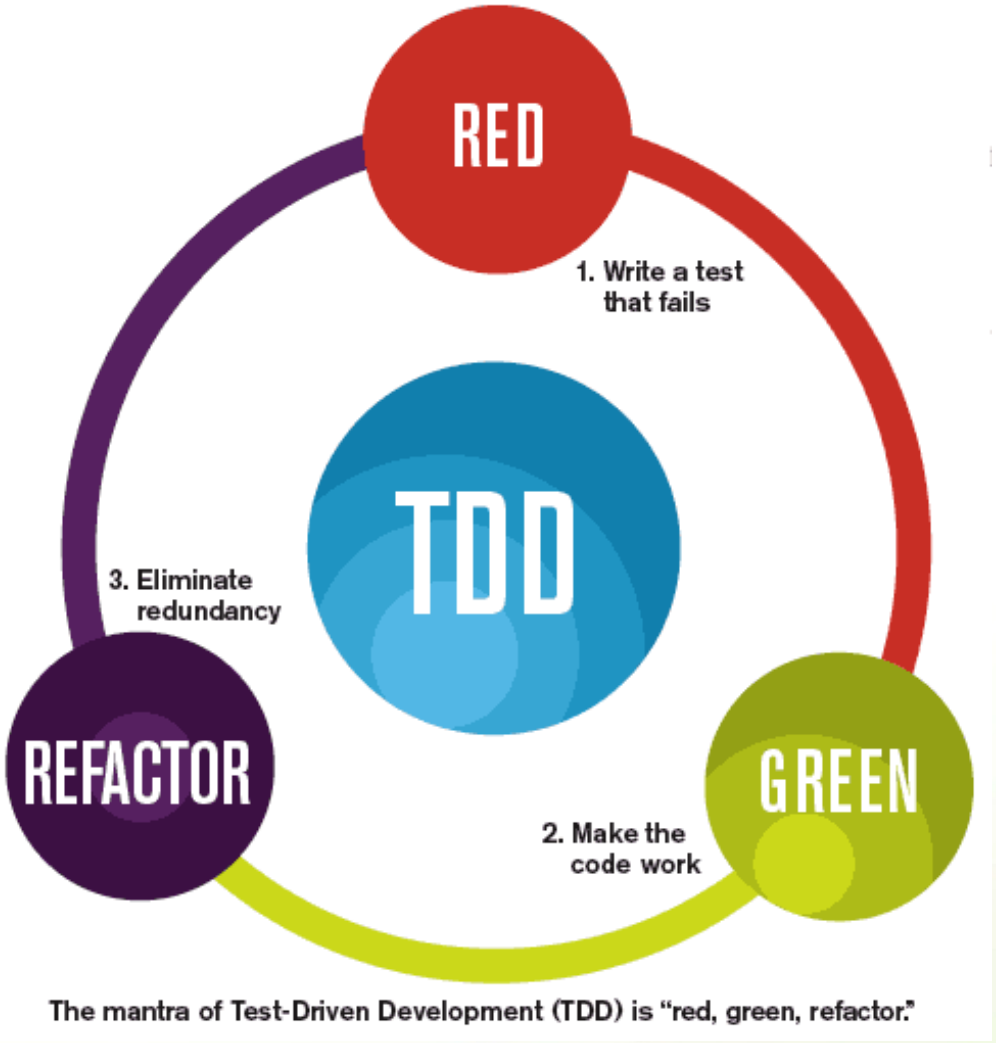
SciLifeLab

python™



Enabler for Life Sciences


PLAGIARISM
IS LAME
but hella easy



The mantra of Test-Driven Development (TDD) is "red, green, refactor."

https://python-guide.readthedocs.org/en/latest/writing/tests/

python

TM

Beautiful is better than ugly. **Explicit** is better than implicit. **Simple** is better than complex. **Complex** is better than complicated. **Flat** is better than nested. **Sparse** is better than dense. **Readability** counts. *Special cases* aren't special enough to break the rules. Although **practicality** beats purity. *Errors* should never pass silently. Unless **explicitly** silenced. In the face of *ambiguity*, **refuse** the temptation to guess. There should be **one** — and preferably only one — obvious way to do it. Although that way may not be obvious at first *unless you're Dutch*. **Now** is better than never. Although never is **often** better than *right* now. If the implementation is *hard* to explain, it's a **bad** idea. If the implementation is *easy* to explain, it *may* be a **good** idea. **Namespaces** are one *honking great* idea — let's do more of those!

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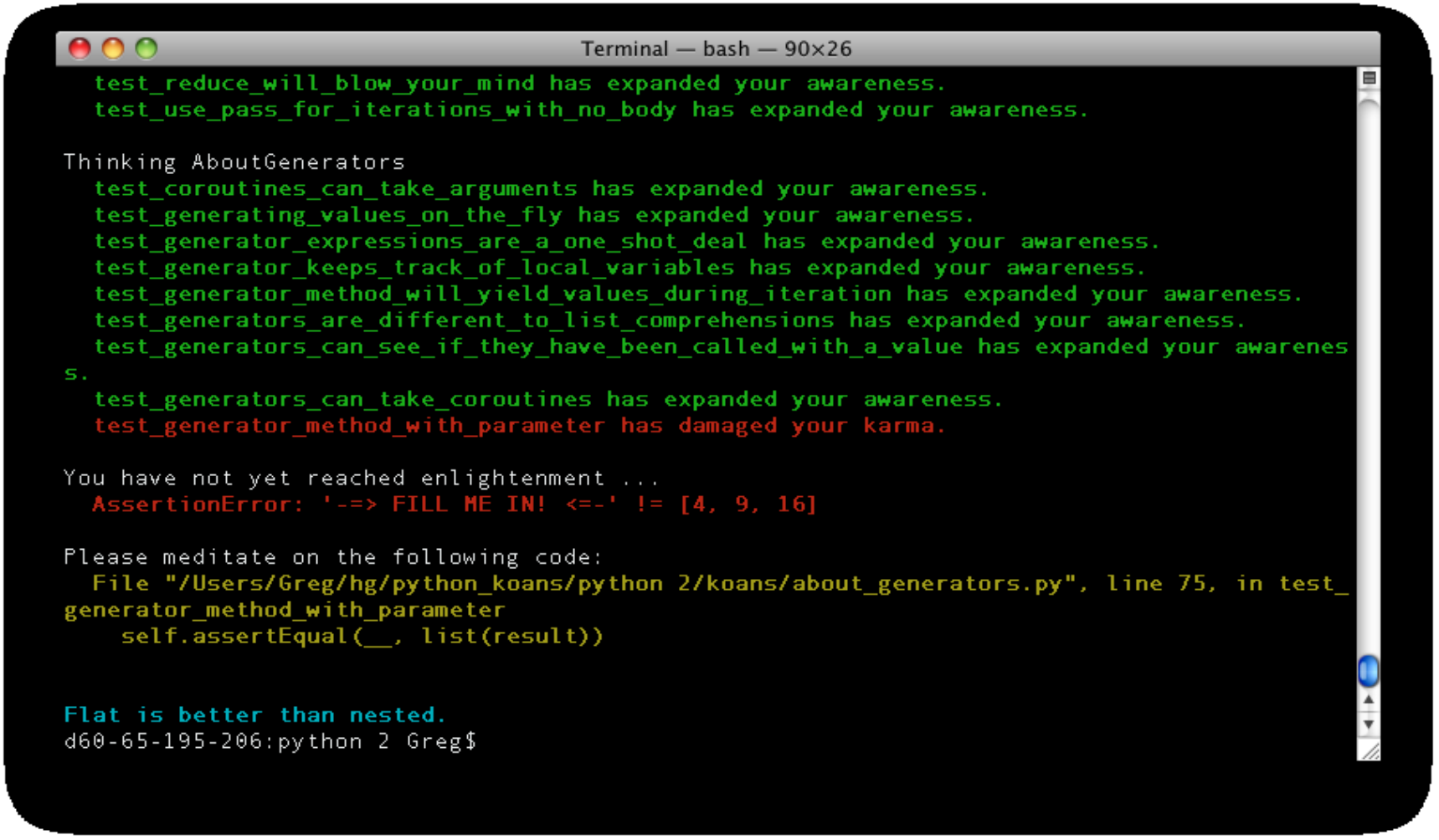
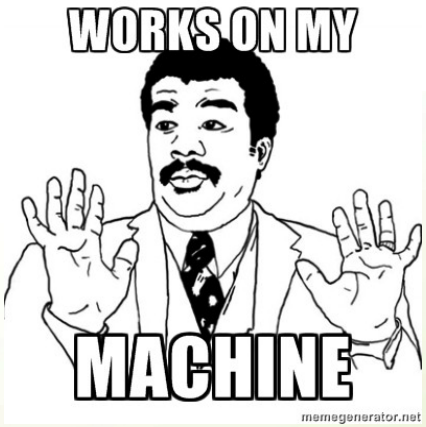
https://github.com/brainstorm/python_koans



Karolinska Institutet · KTH · Stockholms universitet · SciLifeLab Stockholm

Travis

Jenkins



SciLifeLab + Travis

=

https://github.com/SciLifeLab/bcbio-nextgen-deploy

```
import pdb; pdb.set_trace()
```

http://docs.python.org/2/library/pdb.html

https://raw.github.com/nblock/pdb-cheatsheet/master/pdb-cheatsheet.png

...when finished, run ”pip install ipdb”, read the docs and see the difference

From: about_asserts.py

To: about_control_statements.py