

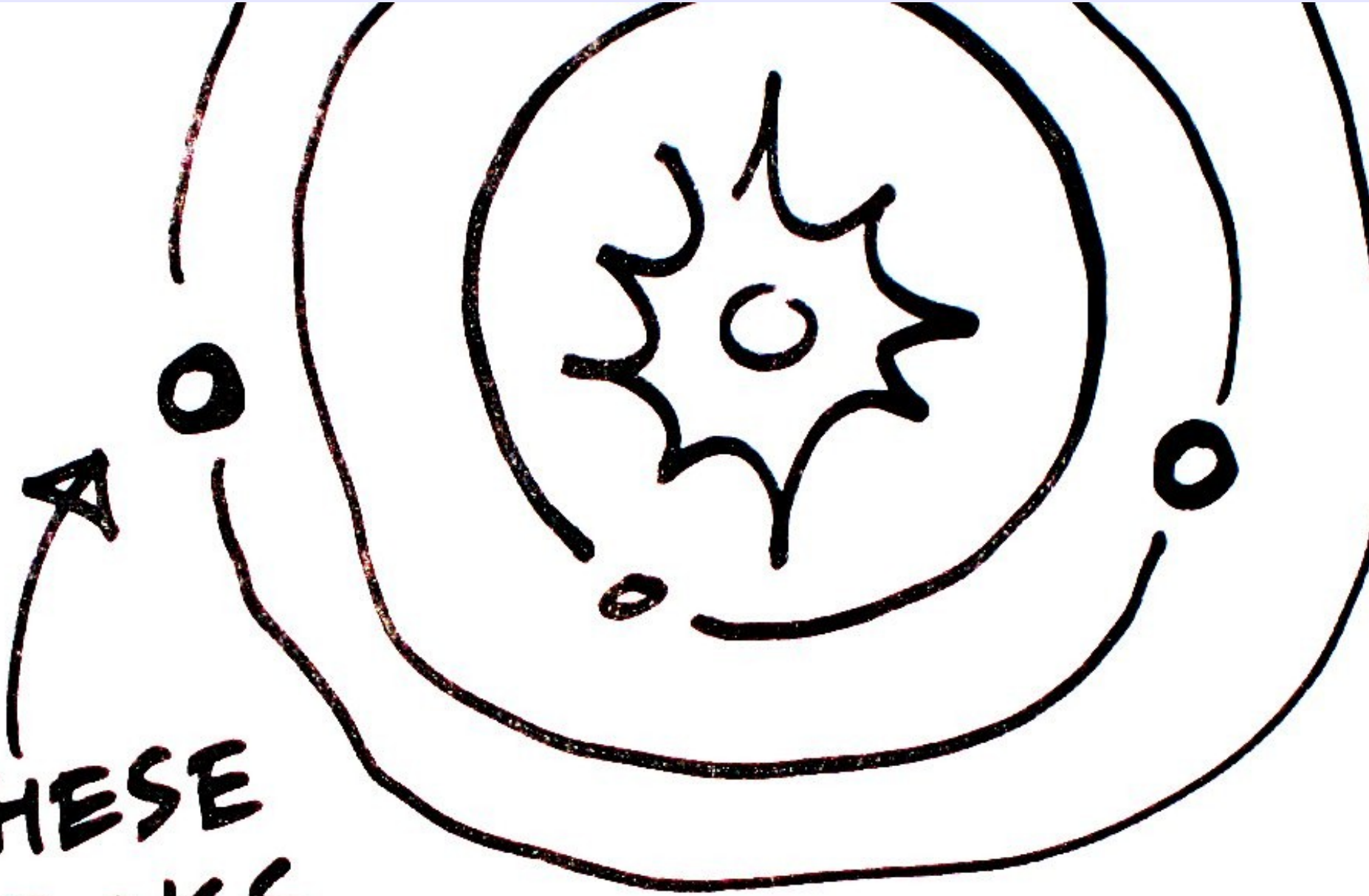
# Intro to Core (Python!) Involvement

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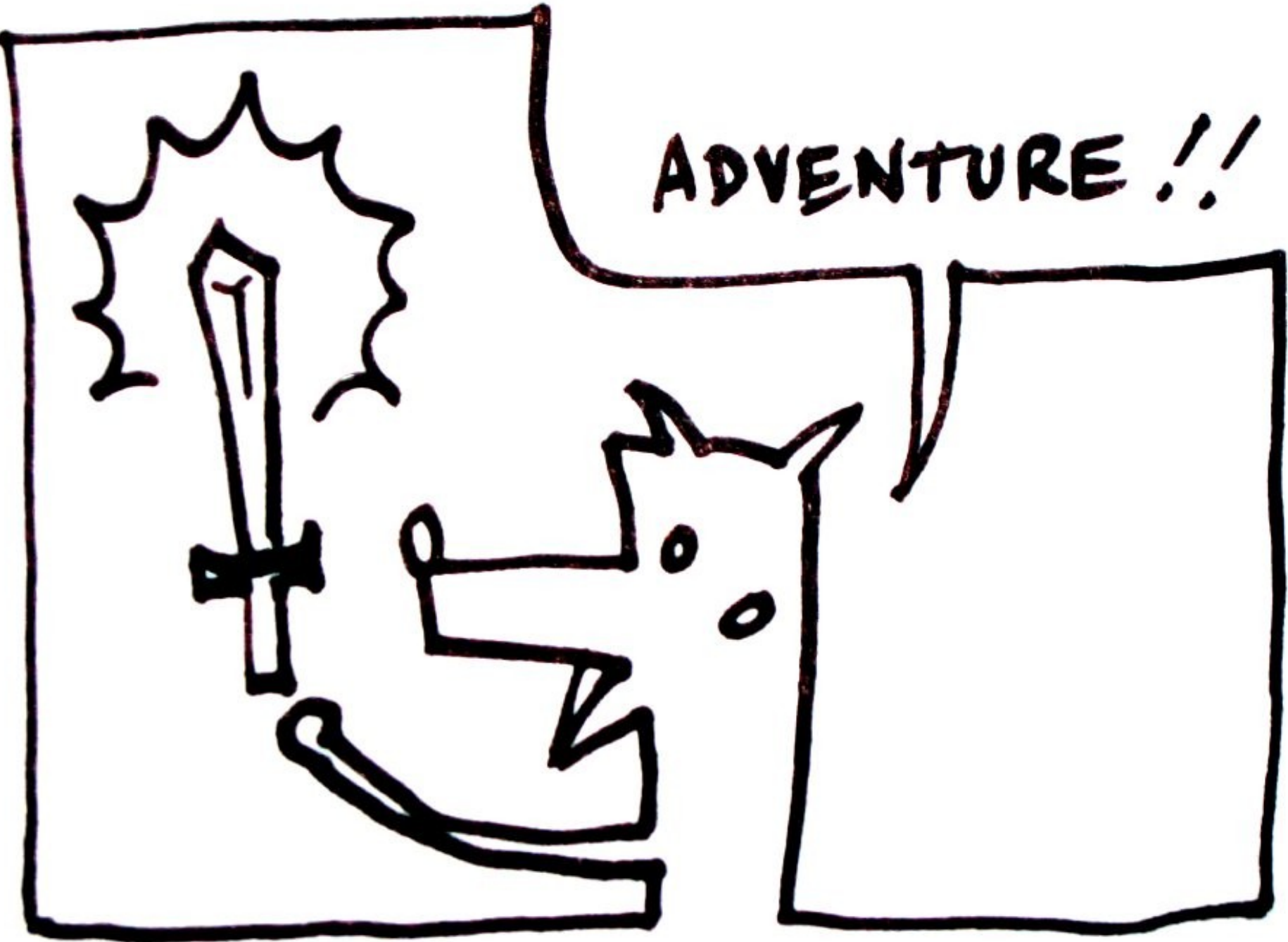


THESE  
FOLKS



# What is covered here?

- ~ Python Developer's Guide
- ~ Bugs
- ~ Documentation
- ~ Proselytizing



ADVENTURE !!

# The Python Developer's Guide

<http://python.org/dev/>

# What the Guide tells you

- ~ All about code-related stuff
- ~ Where the bug tracker is located
- ~ Where to find documentation

<http://python.org/dev/>

# What the Guide fails to tell you

- ~ How to be nice
- ~ How to be patient
- ~ ... not much else, but it may take a while to find it all

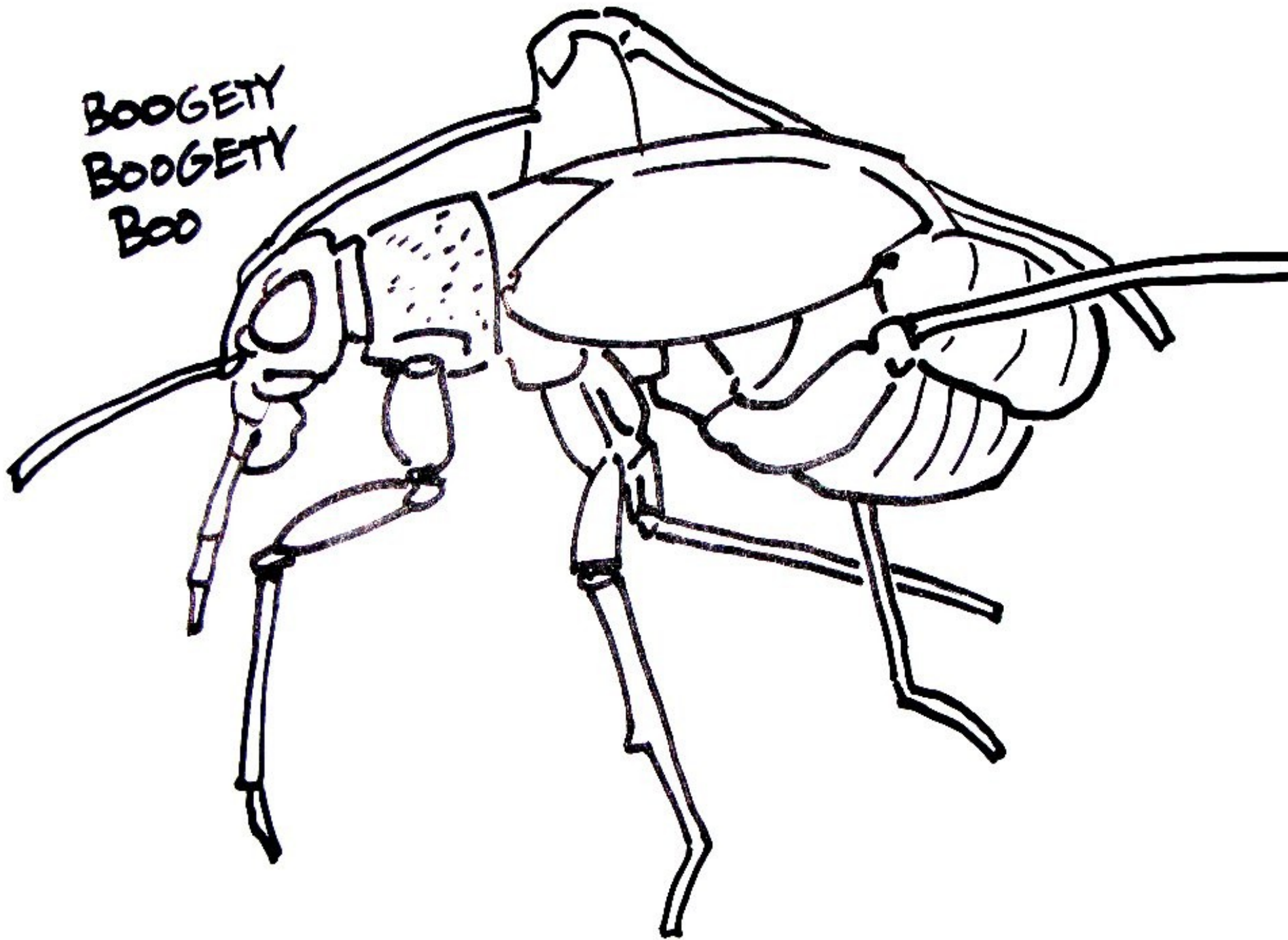
<http://python.org/dev/>

# The Guide: code-related stuff

- ~ Where to get source code
  - ~ <http://bit.ly/py3k-svn>
- ~ How to test code changes
  - ~ <http://bit.ly/py-test-patch>
- ~ How to submit changes back
  - ~ <http://python.org/dev/patches/>
- ~ Where the bug tracker is located
  - ~ <http://bugs.python.org>
- ~ Other stuff!
  - ~ <http://python.org/dev/faq/>



BOOGETY  
BOOGETY  
BOO



# Bug submission and triage for folks in a hurry

## Roundup

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# Bug submission and triage for folks in a hurry

- ~ Roundup

- ~ Openly developed

- <http://roundup.sourceforge.net/>

- ~ Available on the PYPI

- <http://pypi.python.org/pypi/roundup/>

- ~ Web-based (plus extras)

- ~ (mostly) easy to use, but still very much "Web 1.0"

- ~ <insert live miniature demo>

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# How to work on an issue

- ~ Check history
- ~ Update
- ~ Reproduce
- ~ Communicate
- ~ Tread lightly
- ~ Test, Test, Test, Test, Test

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# Issue Submission: Anti-Patterns

- ~ Omit lots of technical bits
- ~ Insult original developers
- ~ Ignore prior art
- ~ Assume somebody else will triage your dupe
- ~ Ignore future activity of your issue

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# Issue Submission: Patterns

... or how to communicate effectively (in writing!) with other human beings

- ~ Do your homework
- ~ Be concise, but thorough
  - ~ when in doubt, leave it in
- ~ Be objective
- ~ Be nice

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# Issue Submission: Patterns

- ~ Subscribe to the New Bugs mailing list
  - ~ <http://bit.ly/py-bugs-list>

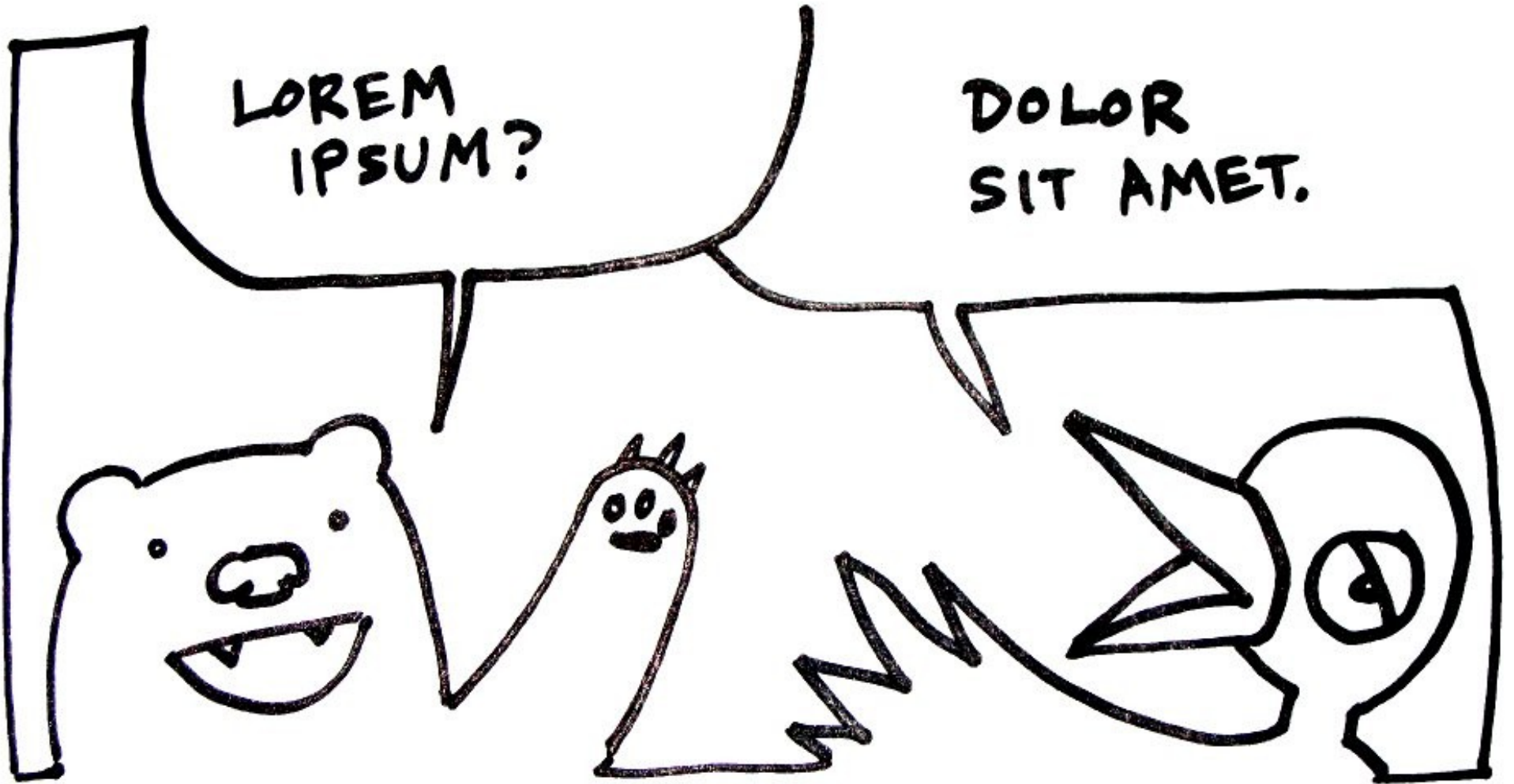
<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

LOREM  
IPSUM?

DOLOR  
SIT AMET.





# Documentation isn't scary

... or boring or worthless

<http://bit.ly/py-docs-dev>

<http://python.org/dev/doc/>

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# Helping with Documentation: Anti-Patterns

- ~ Assume you can't help with the docs
- ~ Assume the current docs are correct
- ~ Only read the docs about which you care
- ~ Ignore Strunk & White

<http://bit.ly/elem-o-style>

<http://bit.ly/py-docs-dev>

<http://python.org/dev/doc/>

<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>

# Helping with Documentation: Patterns

- ~ Read, Read, and Re-Read
- ~ Try it!
- ~ Recruit "non-tech" folks
- ~ Learn reStructuredText

`http://bit.ly/rst-docs`

`http://bit.ly/py-docs-dev`

`http://python.org/dev/doc/`

`http://bugs.python.org/`

`http://python.org/dev/faq/`

`http://python.org/dev/`

# Helping with Documentation: Patterns

- ~ Subscribe to the Doc-SIG mailing list

<http://bit.ly/py-doc-sig>

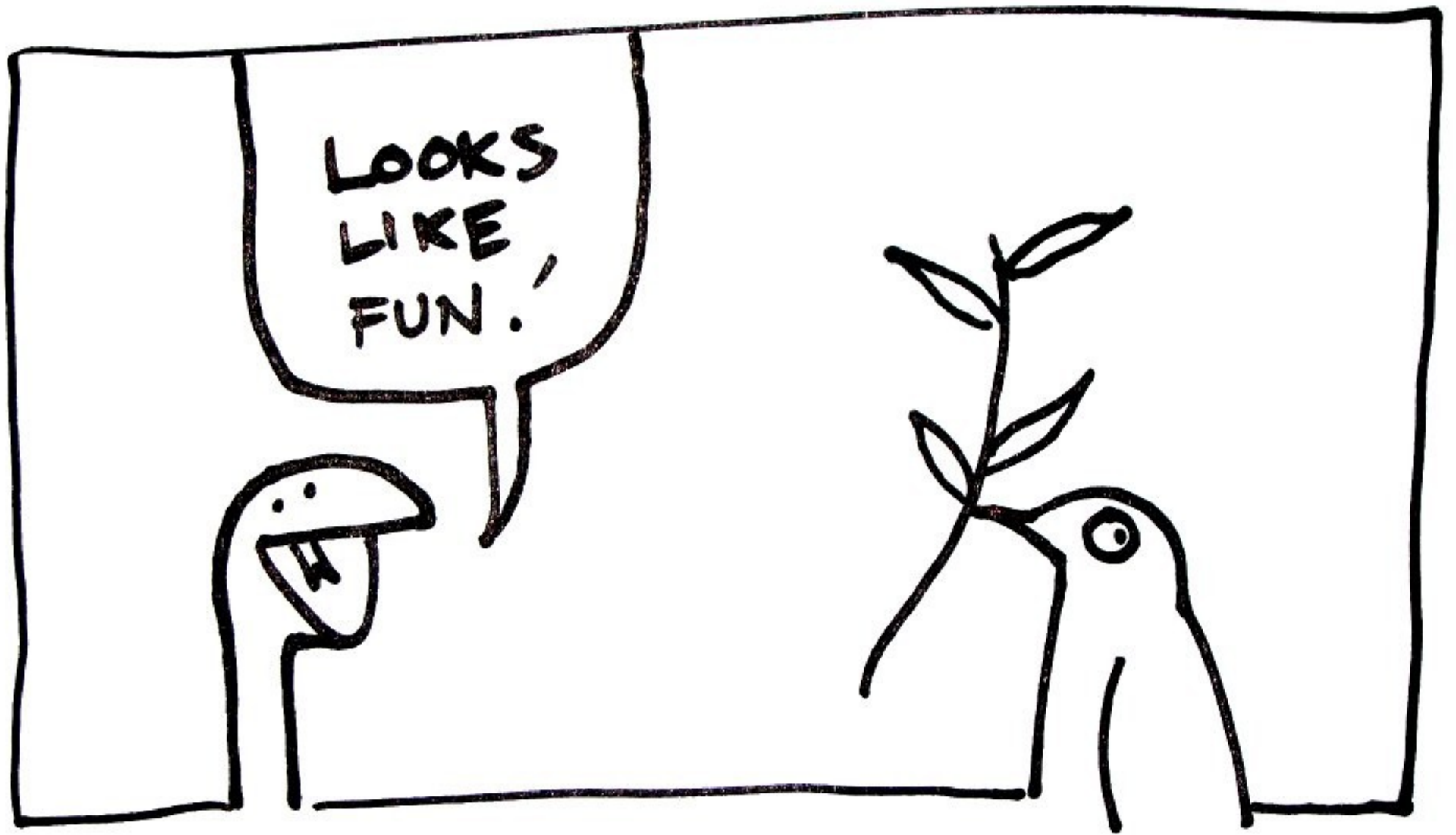
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<http://bugs.python.org/>

<http://python.org/dev/faq/>

<http://python.org/dev/>



LOOKS  
LIKE  
FUN!

# There's more to Python than dicts and iterators.

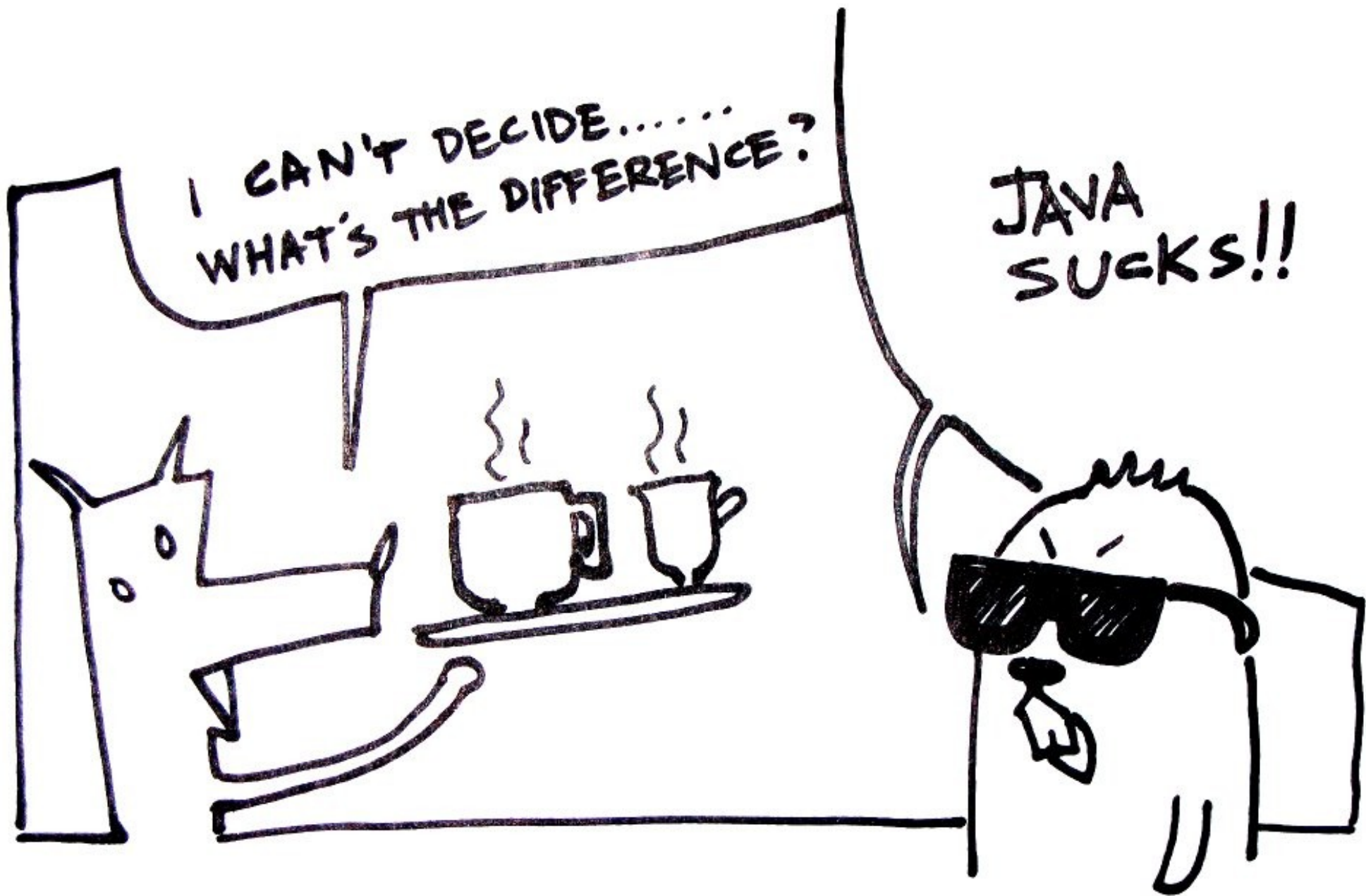
... or how to promote interest in Python  
without losing your audience in the process.

(a mini tutorial)

<http://bit.ly/py-docs-dev>  
<http://python.org/dev/doc/>  
<http://bugs.python.org/>  
<http://python.org/dev/faq/>  
<http://python.org/dev/>

I CAN'T DECIDE.....  
WHAT'S THE DIFFERENCE?

JAVA  
SUCKS!!



# Promoting Python: Anti-Patterns

- ~ Limit circle of friends to CS Majors
- ~ Insult people
- ~ Refuse to use other programming languages
- ~ Make excuses for Python's flaws
  - ~ (don't worry... you won't have to do this)

<http://bit.ly/py-docs-dev>  
<http://python.org/dev/doc/>  
<http://bugs.python.org/>  
<http://python.org/dev/faq/>  
<http://python.org/dev/>



# Promoting Python: Patterns

- ~ Tirelessly promote SIGs to "non-tech" people
  - ~ Diversity-SIG <http://bit.ly/py-diversity-sig-list>
  - ~ Edu-SIG <http://bit.ly/py-edu-sig-list>
  - ~ I18n-SIG <http://bit.ly/py-i18n-sig-list>
- ~ Engage in (productive!) conversation with advocates of other programming languages
- ~ Be nice

<http://bit.ly/py-docs-dev>  
<http://python.org/dev/doc/>  
<http://bugs.python.org/>  
<http://python.org/dev/faq/>  
<http://python.org/dev/>

# Python Quality Assurance

soapbox time

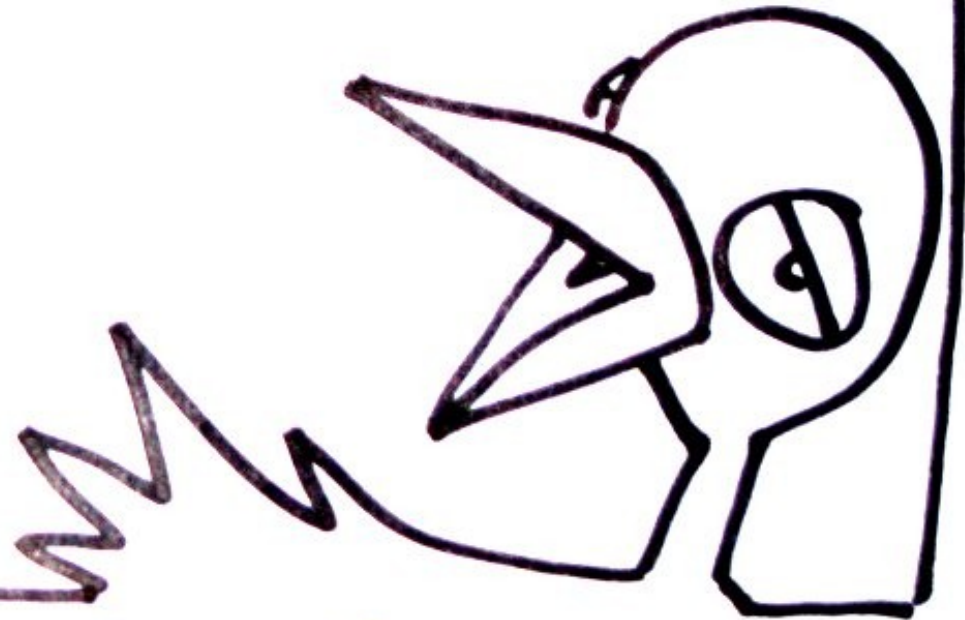
```
def increase_quality(self, diversity):  
    # TODO: be sure to mention this in the docs  
    self.diversity += diversity  
    self.quality = self.quality ** self.diversity
```

<http://bit.ly/py-docs-dev>  
<http://python.org/dev/doc/>  
<http://bugs.python.org/>  
<http://python.org/dev/faq/>  
<http://python.org/dev/>

EOF

# ONE BAJILLION LINKS

<http://bit.ly/elem-o-style>  
<http://bit.ly/py3k-svn>  
<http://bit.ly/py-bugs-list>  
<http://bit.ly/py-diversity-sig-list>  
<http://bit.ly/py-docs-dev>  
<http://bit.ly/py-doc-sig>  
<http://bit.ly/py-edu-sig-list>  
<http://bit.ly/py-il8n-sig-list>  
<http://bit.ly/py-test-patch>  
<http://bit.ly/rst-docs>  
<http://bugs.python.org>  
<http://pypi.python.org/pypi/roundup>  
<http://python.org/dev>  
<http://python.org/dev/doc>  
<http://python.org/dev/faq>  
<http://python.org/dev/patches>  
<http://roundup.sourceforge.net>  
<http://creativecommons.org/licenses/by-sa/3.0/>



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