



processing.py

Community Architecture Analysis

Jasmine Pazer, Nathaniel Larrimore, Junwen Mai

What is processing.py?

The python mode for the Processing.

It allows users to write and execute processing scripts in the python programming language and make use of existing processing libraries.

Uses an Apache 2.0 License

A Brief History

- Processing was created in 2001 to promote software literacy within the visual arts and visual literacy within technology.
- Originally java-based, but had the ability to add other language support.
- Jonathan Feinberg decided to create the python language support from July 2010 through April 2014
- Since then, both the project and him have received support from google, the Processing Foundation, Fathom, and a National Endowment for the Arts grant.
- Luca Damasco (Google Summer of Code student) kept processing.py alive by updating it to be compatible with Processing 3.x



Community Today

Maintainer: Jonathan Feinberg

He is the main contributor as well, and is still very active and will respond to issues within about a week.

There are a handful of other contributors that have worked on smaller parts over the years.

Participation has really stagnated with very little activity in the past few years.

If Jonathan Feinberg was hit by a bus, this project would probably not survive...

Calloway Coefficient of Fail

50 points of FAIL: Babies cry when your code is downloaded

- The source code is more than 100 MB.
- No sanely versioned releases (Major, Minor)
- They don't have a mailing list
- They don't announce releases on a mailing list
- The source requires other code projects that it depends on

Would you want to contribute?

This may not be the easiest project to contribute to.

- No major changes anytime recently
- Only one main contributor and maintainer
- Not a very active community
- It is in maintenance mode rather than development mode

Bugs/Setbacks

- No major bugs/setbacks for the project.
- Most issues are minor bugs with workarounds available or trouble shooting problems

Sources

Source Code Repository : <https://github.com/jdf/processing.py>

Documentation : <http://py.processing.org/tutorials/>

<http://py.processing.org/reference/>

Communication channels: <https://forum.processing.org/two/categories/python>

Project Website: <http://py.processing.org/>

GBAB: https://jpazer.github.io/CommArchAnalysis_processing.py/output/