



*A Spotter's Guide
to
Python in
Portland*

(IN NO WAY AN OFFICIAL PYCON PUBLICATION)

² PyDX

More Python conference-y goodness here in Portland:
October 1 & 2, 2016

Early bird tickets currently on sale!
Get 'em at **PyDX.org!**
Buy now and get \$50 off!

On-going CFP: Submit your talk by July 31

POST-IRONIC
ARTISANAL CODE
FROM
LOCAL FARMERS
PROGRAMMERS



Table of Contents

- 2 PyDX
- 3 Masthead
- 4 Python(s) in Portland
- 5 Open Source Bridge
- 6 Extra-Curriculars
- 7 Why Can't Learning Be Fun?
- 8 Conference Calendar
- 9 Measuring Async Application Performance
- 10 A Portland Glossary
- 11 Python is for Lovers



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Python(s) in Portland

Portland Python User Group: With both monthly presentation nights and monthly project nights, the Portland Python User Group is the mainstay of the local Python scene. [meetup.com/pdxpython](https://www.meetup.com/pdxpython)

PyLadies PDX: The local PyLadies group combines coding and brunch at the PyLadies PDX Code and Learn every week. PyLadies PDX also holds monthly workshops and career mentoring nights. [meetup.com/pyladies-pdx](https://www.meetup.com/pyladies-pdx)

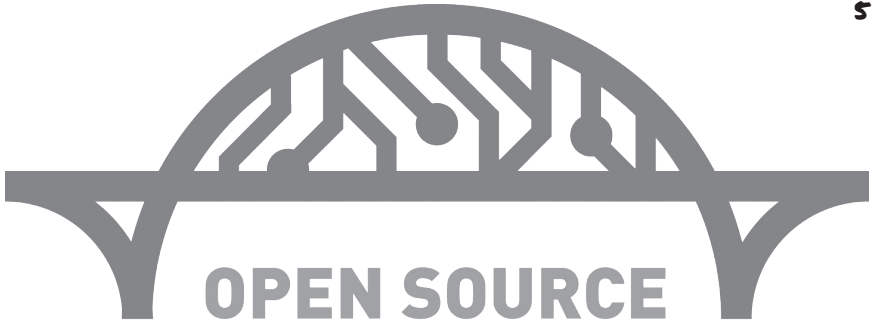
DjangoGirls PDX: DjangoGirls PDX host workshops introducing beginners to building websites with Django. djangogirls.org/portland

Monday Python Flying Circus: Local code school PDX Code Guild holds peer mentoring nights for Python programmers every Monday night. [meetup.com/portland-programmer-network](https://www.meetup.com/portland-programmer-network)

The Oregon Zoo: Among the many other snakes that call the Oregon Zoo home are a ball python (*Python regius*), an African rock python (*Python sebae*), and a Burmese python (*Python molurus bivittatus*). [oregonzoo.org](https://www.oregonzoo.org)



**LOOKING FOR THE PORTLAND PYTHONS?
FROM 1997 TO 1999, PORTLAND, OREGON WAS HOME TO AN
INDOOR SOCCER TEAM BY THAT NAME. NOW WE HAVE THE
PORTLAND TIMBERS AND THE PORTLAND THORNS.
THOUGH THEIR NAMES AREN'T AS COOL, THEY ARE MUCH
BETTER SOCCER TEAMS.**



OPEN SOURCE BRIDGE

June 21 to June 24
Portland, Oregon

USE
osblovespython
FOR 10% OFF

Don't miss our crowdfunding campaign at
tinyurl.com/FundBridge

Extra-Curriculars

Monday
May 30

**Combined Python User Groups &
Startup Row Happy Hour**

6:30 to 8:30 AM

Simple, 1615 SE 3rd Avenue Suite 200

RSVP on Eventbrite

Tuesday
May 31

**PyLadies and Asana Present:
A Portland-Style PyCon Breakfast**

8 to 9:30 AM

Huber's Cafe, 411 SW 3rd Avenue

RSVP on Eventbrite

PyLadies Auction

6:30 to 8:30 PM

Oregon Convention Center, F149-F152

Cover charge at the door

New Relic PyCon Afterparty

7 to 10 PM

New Relic, 111 SW 5th Avenue, Floor 29

RSVP on Eventbrite

Wednesday
June 1

PyLadies PDX Career Panel

6 to 8 PM

Simple, 1615 SE 3rd Avenue, Suite 200

RSVP on Meetup.com

Friday
June 3
to
Sunday
June 5

IndieWeb Summit 2016

Vadio, 919 SW Taylor Street, Suite 300

RSVP on 2016.indieweb.org

Why Can't Learning Be Fun? ⁷

BY AUDREY ESCHRIGHT

So much information about technology is confusing, complicated, boring, or obscure. My first encounters with the technology industry taught me:

- Programming is not for girls
- It's especially not for girls who act like girls
- You have to be extremely smart (actual quote: "Only a few people are smart enough to be real programmers")
- The best way to show how smart you are is by making other people feel like they aren't
- It's best to pretend you're not a girl and that you're smarter than everyone else

It turns out, I couldn't do it! I've been in and out of the tech industry more than once, as a result. I don't learn well and I don't work well in an environment that tells me I don't belong. But finally, I came to realize that there were also things that told me otherwise, and those were what helped me learn the technical skills I was eager to use.

These were things like programming books narrated by cartoon foxes, friendly people at user groups who didn't talk down to me, and workshops on Twitter bots that tell bad jokes. Fun takes the pressure off and gives us space to be ourselves. It's how we remember it's okay to make mistakes, ask questions, and not know the right answer on the first try.

Last year I started The Recompiler because I wanted to bring that sense of fun and welcoming to as many people as I could. I call it a "feminist hacker magazine" because it's about learning to take things apart and rebuild them even better, but in a way that includes all of us. We've published articles on how to write arcade games, why SSL is really complicated, and how to teach someone to use git for the first time.

The Recompiler grew out of the same community-first approach that I love about programming in Python: build the community first and then the code. I'm excited PyCon is here in Portland this year, where The Recompiler is based. If you see me around, say "hi" – I have awesome kitten stickers to share!



recompilermag.com

The Portland Conference Calendar (through Fall 2016)

June 21 to
June 24

**Open Source Bridge /
opensourcebridge.org**

A conference focused on building open source community and citizenship

June 27 to
June 29

Monitorama / monitorama.com

An open source monitoring conference and hackathon

July 28 to
July 29

SRCCON / srccon.org

Two amazing days building better newsroom code, culture, and process

August 9 to
August 10

**DevOpsDays Portland /
devopsdays.org/events/2016-portland**

The conference that brings development and operations together

September 27 to
September 29

AutomaCon / automacon.io

The infrastructure as code conference

October 1

**Alterconf /
alterconf.com/conferences/portland-or-2016**

A traveling conference series that provides safe opportunities for marginalized people and those who support them in the tech and gaming industries

October 1 to
October 2

PyDX / pydx.org

A Pythonically specific space focusing on ideas, projects, and best practices in need of more attention

October 7 to
October 8

Affect Conf / affectconf.com

A community event about the work and design behind social change

Measuring Async Application Performance

BY AMY BOYLE

The lure of asynchronous programming is that it will make your application run faster and your code simpler to reason about. Other activity in an asynchronous app affects response time and task completion, differently than it does in a synchronous one.

To understand our app's performance, we want to look at more metrics, including:

- Duration: Wall clock time from the very start to the very end on any work associated with a task
- Wait time: Time that a task is blocked by work not associated with that task.
- Total self time: Sum of all time spent executing on a task.
- Response time: Wall clock time from the start to when a response is sent to the request that started the task.

In order to get these measurements, you will need to be able to connect the asynchronous pieces of your task together. Then you can use this data to evaluate and mitigate bad performance.



A Very Portland Glossary

Big Pink The large pinkish building in the downtown Portland skyline. Houses several tech companies, including New Relic. Located at 111 SW 5th Ave.

Blue Star As in Blue Star Donuts. The best place to get donuts (much better than Voodoo Donuts)

Brunch A mid-morning meal or, in Portland, a way of life.

Calagator The community calendar used by the Portland tech scene. Located at calagator.org.

Hillsboro Usually refers to the Intel Hillsboro campus.

NE / SE / SW / NW / N Portland The five quadrants of Portland (yes, we know what you're about to say). Burnside divides N and S, the Willamette River divides SW from SE and NW from N, and Vancouver Boulevard divides N from NE.

Pearl The Pearl District is an area just north of downtown Portland where you will probably be asked to either have a drink or interview at a startup's office (or both).

Portlandia We all have a Portlandia story. It hits a little close to home.

TriMet Portland's public transit system, which includes the bus, the light rail, and the commuter rail. Trust us, get the TriMet Tickets app if you need to buy tickets. If you just need directions, Google Maps is usually good at telling if the bus will be on time.

Voodoo Donuts See Blue Star.

AND DON'T BE SURPRISED THAT THERE ARE MORE THAN ONE POWELL'S BOOKS IN THE CITY. YOU WANT THE ONE ON BURNSIDE.

”

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\$23**



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PYTHONISFORLOVERS**

