

Programming: OpenBSD, FreddieMeter, Python and More

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- [\[Older\] Linux Systems Performance](#) [2]

Systems performance is an effective discipline for performance analysis and tuning, and can help you find performance wins for your applications and the kernel. However, most of us are not performance or kernel engineers, and have limited time to study this topic. This talk summarizes the topic for everyone, touring six important areas of Linux systems performance: observability tools, methodologies, benchmarking, profiling, tracing, and tuning. Included are recipes for Linux performance analysis and tuning (using vmstat, mpstat, iostat, etc), overviews of complex areas including profiling (perf_events) and tracing (Ftrace, bcc/BPF, and bpftrace/BPF), and much advice about what is and isn't important to learn. This talk is aimed at everyone: developers, operations, sysadmins, etc, and in any environment running Linux, bare metal or the cloud.

- [Martin Pieuchot: The Unknown Plan](#) [3]

Since I attend OpenBSD hackathons, I hear stories about how crazy are the ports hackathons. So I try my best to look like a porter in order to experience this craziness. I must admit p2k19 was awesome but the craziness of port hackathons is still an enigma to me.

- [Google's AI-powered FreddieMeter can tell if you sing like Queen's frontman](#) [4]

While Freddie may have sadly bitten the dust, his fame lives on, so much so that Google's Creative Lab has cooked up the FreddieMeter.

The show must go on! It's an AI-powered thingy which uses its smarts to figure out if one's singing voice has a pitch, melody and timbre to match that of Mercury's champion vocals.

- [What is Python? Powerful, intuitive programming](#) [5]

Why the Python programming language shines for data science, machine learning, systems automation, web and API development, and more.

- [Ian Ozsvald: Training Courses for 2020 Q1 ? Successful Data Science Projects & Software Engineering for Data Scientists](#) [6]

- [The simplest explanation of Decorators in Python](#) [7]

Before starting about decorators, first, understand that functions in python have below three properties.

- [Basic Data Types in Python 3: Booleans](#) [8]

Welcome back to our ongoing series of blog posts on basic data types in Python 3! Last time, we explored the functionality of strings. Today, we dive in to another key data type - booleans. Booleans (and "boolean logic") are an important concept in programming, representing the concept of "true" and "false".

If you're learning Python, you might also want to check out TwilioQuest 3. You'll learn about basic data types like the boolean, and much more about Python programming.

Ready to learn how to use booleans in Python 3? Let's get started!

[Development](#)

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Links:

[1] <http://www.tuxmachines.org/taxonomy/term/145>

[2] <https://www.usenix.org/conference/lisa19/presentation/gregg-linux>

[3] <https://undeadly.org/cgi?action=article;sid=20191116122547>

[4] <https://www.theinquirer.net/inquirer/news/3083823/googles-ai-powered-freddiemeter-can-tell-if-you-sing-like-queens-frontman>

- [5] <http://www.tuxmachines.org/What is Python? Powerful, intuitive programming>
- [6] <https://ianozsvald.com/2019/11/17/training-courses-for-2020-q1-successful-data-science-projects-software-engineering-for-data-scientists/>
- [7] <https://www.pythoncircle.com/post/695/the-simplest-explanation-of-decorators-in-python/>
- [8] <https://www.fullstackpython.com/blog/python-basic-data-types-booleans.html>