

Inland Empire Python User Group (IEPUG)



05/21/19 meeting

IEPUG Sponsors



Thanks to Excite for hosting our meetings!

Excite (<https://exciteriverside.org/>) is a unique tech business acceleration program created in collaboration between business leaders, the City and County of Riverside, and the University of California Riverside.

They offer 24/7 coworking and startup incubation.

-contact Jennifer Yturralde at jenyt@ucr.edu for more information

IEPUG intro

- Who we are:
This is a group to share what you are doing with Python, to learn about topics related to the language, and to get help from others.
- Don't feel you need to stay the whole time
- Slide deck availability
- Introductions



Python resources:

Reference to IRPUG's June 2018 learning resources:

<https://www.meetup.com/iepython/events/246147344/>

<https://github.com/IEPUG/MeetingSlides/blob/master/IEPUG%20meeting%2020180619.pdf>

Python Software Foundation: <https://www.python.org/>

Murrieta: Southwest Riverside Python Users Group Meetup

<https://www.meetup.com/Southwest-Riverside-Python-Users-Group-Meetup/>

OCPython: US.CA.Orange County's Python Community Group

<https://www.meetup.com/OCPython/>

Pasadena Python Developers: <https://www.meetup.com/Pasadena-Python-Devs/>

San Diego Python Users Group: <https://www.meetup.com/pythonsd/>

SoCal Python: <https://www.meetup.com/socalpython/>

Other groups:

Other groups that meet at Excite:

Riverside Raspberry (<https://www.meetup.com/Riverside-Raspberry/>)

IE Wordpress (<https://www.meetup.com/inlandempirewp/>)

StartupIE (<https://www.meetup.com/startupie/>)

Artificial Intelligence: Kick Ass Discussion in Action (<https://www.meetup.com/ArtificialIntelligencekickass/>)

NEW: Inland Empire Software Development (IESD) (<https://www.meetup.com/iesd-meetup/>)

Other Tech MeetUps in the IE:

Redlands: Inland Empire Tech Happy Hour (<https://www.meetup.com/ietechies/events/>)

Redlands Ruby User Group (<https://www.meetup.com/Redlands-Ruby-User-Group/>)

Other SoCal groups:

Anaheim: SoCal IT Professional Association (<https://www.meetup.com/SoCalITPros/>)

Python Jobs:

Resources to find Python Jobs:

Python.org: <https://www.python.org/jobs/>

LinkedIn Jobs*: <https://www.linkedin.com/jobs/python-jobs>

Python Jobs*: <https://www.pythonjobs.com>

Simply Hired*: <https://www.simplyhired.com/search>

Remote Python*: <https://www.remotepython.com>

*From Doug Purcell's web site:

<http://purcellconsult.com/python-book-resources/>

Python's correlation with Monty Python:

Python and Monty Python [https://en.wikipedia.org/wiki/Python_\(programming_language\)](https://en.wikipedia.org/wiki/Python_(programming_language))

Naming: Python's name is derived from the British comedy group Monty Python, whom Python creator Guido van Rossum enjoyed while developing the language. Monty Python references appear frequently in Python code and culture; for example, the metasyntactic variables often used in Python literature are spam and eggs instead of the traditional foo and bar. The official Python documentation also contains various references to Monty Python routines.

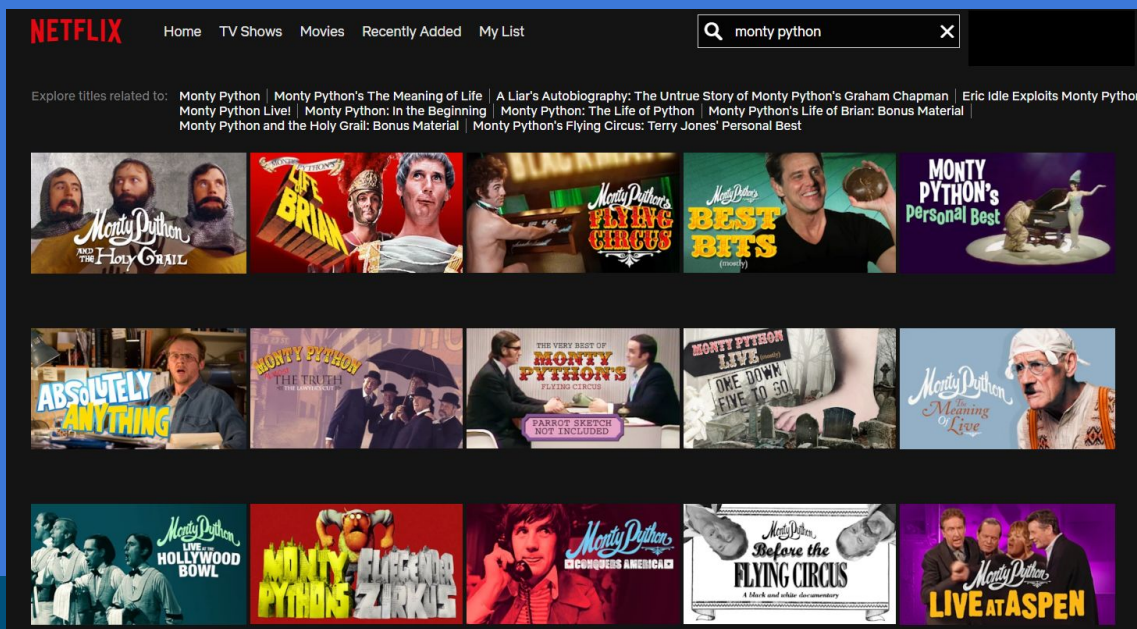
Things named after Monty Python https://en.wikipedia.org/wiki/Monty_Python#Things_named_after_Monty_Python

Beyond a dictionary definition, Python terms have entered the lexicon in other ways.

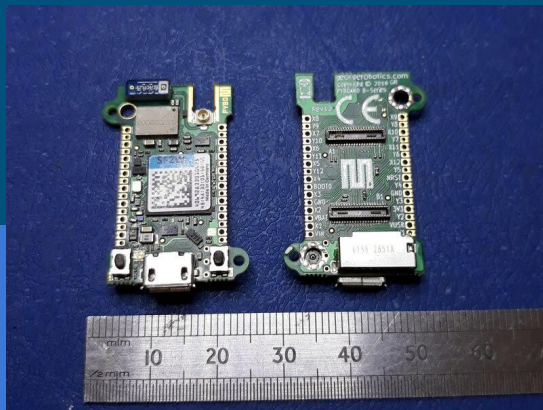
- The term "spam" in reference to bulk, unsolicited email is derived from the programme's 1970 "Spam" sketch.
- The Python programming language by Guido van Rossum is named after the troupe, and Monty Python references are often found in sample code created for that language. The default integrated development environment of the programming language is named IDLE, an alternative one is named eric, both in honour of Eric Idle. Additionally, a 2001 April Fool's Day joke by van Rossum and Larry Wall involving the merger of Python with Perl was dubbed "Parrot" after the Dead Parrot sketch. The name "Parrot" was later used for a project to develop a virtual machine for running bytecode for interpreted languages such as Perl and Python. Its package index is also known as the "Cheese Shop" after the sketch of the same name. There is also a python refactoring tool called bicyclerepair named after Bicycle Repair Man sketch.

MPFC on NetFlix:

Monty Python's Flying Circus on NetFlix (currently there at least 15 items):



New product:



MicroPython May Be Powering Your Next Embedded Device

MicroPython has announced that their pyboard D-series modules are now available.

<https://www.designnews.com/electronics-test/micropython-may-be-powering-your-next-embedded-device/164173310860457>

As of this week, MicroPython has announced that their pyboard D-series modules are now available. These modules are particularly interesting because they provide a MicroPython compatible microcontroller along with built-in Wi-Fi and Bluetooth that can be connected to a carrier board through a mezzanine connector. This overcomes the challenges that developers face with using MicroPython in a production environment that forced them spin their own MicroPython compatible boards since the pyboard D-series is a module.

Monthly video lesson/discussion:

Specific topic this month:

Jupyter Notebook Tutorial: Introduction, Setup, and Walkthrough (31 minutes)

<https://www.youtube.com/watch?v=HW29067qVWk&list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU>

additional links:

Installing Jupyter Notebook: <https://jupyter.readthedocs.io/en/latest/install.html>

Notebook Basics: <https://jupyter-notebook.readthedocs.io/en/stable/examples/Notebook/Notebook%20Basics.html>

Google search: jupyter gallery <https://www.google.com/search?q=jupyter+gallery&>

A gallery of interesting Jupyter Notebooks: <https://github.com/jupyter/jupyter/wiki/A-gallery-of-interesting-Jupyter-Notebooks#introductory-tutorials>

Running Code example: <https://nbviewer.jupyter.org/github/jupyter/notebook/blob/master/docs/source/examples/Notebook/Running%20Code.ipynb>

All 102 Python Tutorials by Corey Schafer:

<https://www.youtube.com/watch?v=YYXdXT2l-Gg&list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU>

Meeting notes I:

Socratica Python Youtube channel series (possible replacement for Corey Schafer):

https://www.youtube.com/channel/UCW6TXMZ5Pq6yL6_k5NZ2e0Q

Corey Schafer python series look to be made in 2016-2017

Jupyter notebooks can be created directly from PyCharm (Professional edition only):

<https://www.jetbrains.com/help/pycharm/jupyter-notebook-support.html>

Can you run Jupyter notebooks without installing the server (AKA on the internet):

-these Try Jupyter examples and be: <https://jupyter.org/try>

-Binder allows you to run Notebooks on a Git repo on the internet: <https://mybinder.org/>

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