Inland Empire Python User Group (IEPUG)
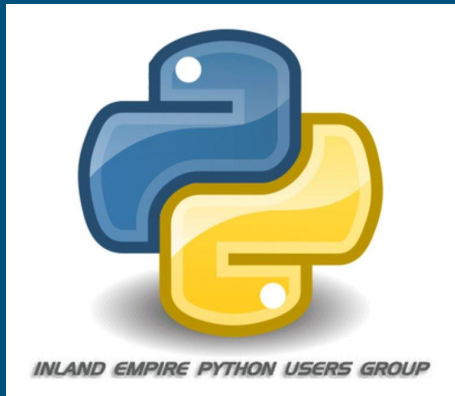

07/16/19 meeting

IEPUG Sponsors

Thanks to Excite for hosting our meetings!
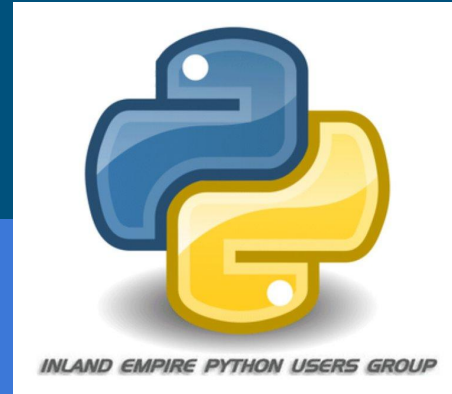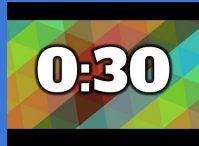
Excite (https://exciteriverside.org/) is a unique tech business acceleration program created in collaboration between business leaders, the City and County of Riverside, and the University of California Riverside.

They offer 24/7 coworking and startup incubation.
-contact Jennifer Yturralde at jennifer.yturralde@ucr.edu or (951) 827-7947 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/

Monthly video lesson/discussion:

Specific topic this month:

Lambda Expressions & Anonymous Functions
by Socratica
https://www.youtube.com/watch?v=25ovCm9jKfA&list=PLi01XoE8jYohWFPpC17Z-wWhPOSuh8Er-

Meeting notes I:

Monte Carlo method/simulation
https://en.wikipedia.org/wiki/Monte_Carlo_method
https://www.investopedia.com/terms/m/montecarlosimulation.asp

Execcism.io (https://exercism.io): code practice and mentor-ship for everyone

PathLib library: this module offers classes representing file system paths with semantics appropriate for different operating systems
https://docs.python.org/3/library/pathlib.html
https://treyhunner.com/2018/12/why-you-should-be-using-pathlib

PiGame can be used for more than just games (https://www.pygame.org/wiki/about): the library is a Free and Open Source python programming language library for making multimedia applications like games built on top of the excellent SDL library

Micro-Python (https://micropython.org): is a lean and efficient implementation of the Python 3 programming language that includes a small subset of the Python standard library and is optimised to run on micro-controllers and in constrained environments

Esp8266 (https://en.wikipedia.org/wiki/ESP8266): is a low-cost Wi-Fi microchip with full TCP/IP stack and microcontroller capability

Meeting notes II:

Idiomatic Python (https://docs.python-guide.org/writing/style): is a sequence of characters that define a search pattern

Regular expressions (https://en.wikipedia.org/wiki/Regular_expression): is a sequence of characters that define a search pattern

Python keyword Yield (https://pythontips.com/2013/09/29/the-python-yield-keyword-explained): is a keyword that is used like return, except the function will return a generator

Python yield, Generators (https://www.programiz.com/python-programming/generator):generators are a simple way of creating iterators

Python keyword Yield (https://pythontips.com/2013/09/29/the-python-yield-keyword-explained): is a keyword that is used like return, except the function will return a generator

List comprehension (https://www.pythonforbeginners.com/basics/list-comprehensions-in-python): List comprehensions provide a concise way to create lists

Inland Empire Python User Group (IEPUG)

end