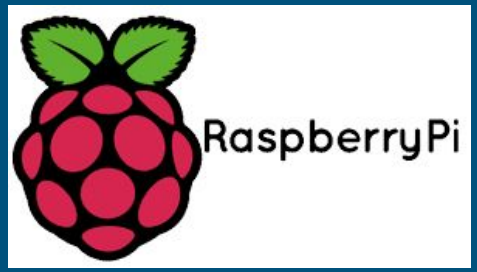
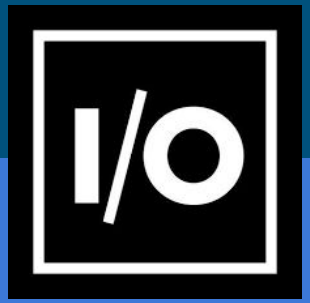


Riverside Raspberry Pi

12/10/18 meeting

RivRPi Sponsors



Thanks to RiversideI/O & Excite for hosting our meetings
http://www.riverside.io/en: co-working space in downtown Riverside
https://exciteriverside.org/: a unique tech business acceleration program: created in collaboration between business leaders, the City and County of Riverside, and the University of California Riverside

RivRPi intro

- Who we are
- Don’t feel you need to stay the whole time

- Introductions
- New members

- Slide deck availability

News:

Riverside Raspberry Pi group might be moving

If you are coming next month, make sure to re-check the location

C3 Expo needs Python/Arduino/Raspberry Pi volunteers

https://carringtoncase.com/c3/

News II:

Publication:

MagPi: https://www.raspberrypi.org/magpi/issues/76/
Raspbian updated (pg 10)
New Raspberry Pi 3A+ $25 (pg 66)

(all issues available here: https://www.raspberrypi.org/magpi-issues/)

Publication:

HackSpace: https://hackspace.raspberrypi.org/issues/13

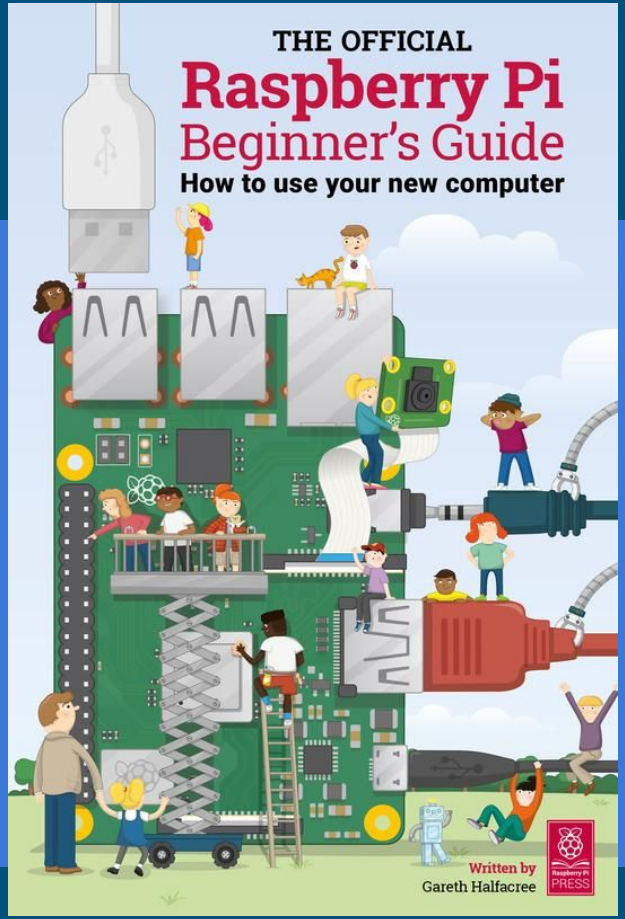
(all issues available https://hackspace.raspberrypi.org/issues)

Publication:

The Official Raspberry Pi Beginner’s Guide:

https://store.rpipress.cc/products/the-official-raspberry-pi-beginner-s-guide

Learn how to set up the Raspberry Pi, install an operating system, and start using it. Follow step-by-step guides to code your own animations and games, using both the Scratch and Python languages. Create amazing projects by connecting electronic components to the Pi’s GPIO pins.



New Pi:

Raspberry Pi 3 Model A+

https://www.element14.com/community/docs/DOC-91123/l/raspberry-pi-3-model-a

https://www.raspberrypi.org/magpi/raspberry-pi-specs-benchmarks/
(has comparison graphs)

Bluetooth

WiFi

Pi Project:

Gameboy Zero

http://benchcrafted.blogspot.com/2018/06/not-woodworking-gameboy-zero.html

This build is known as a 'Gameboy Zero' because of its use of the Raspberry Pi Zero using Kite's Super AIO (all-in-one) board perfectly designed to fit inside an original Gameboy case to allow button input, display driver, speaker plus headphone amp, and much more.

Other groups:

Other groups that meet at RiversideIO/Excite:
Inland Empire Python User Group (https://www.meetup.com/iepython/)
Riverside Ruby User Group (https://www.meetup.com/Riverside-Ruby-User-Group/)
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/)

Other Tech MeetUps in the IE:
Inland Empire Tech Happy Hour (https://www.meetup.com/ietechies/events/)

Other SoCal groups:
SoCal IT Professional Association (https://www.meetup.com/SoCalITPros/)

Discussion topic notes from meeting:

A member brought up Sphero (https://www.sphero.com/): is a spherical robo is a white orb wrapped in polycarbonate, capable of rolling around, and controlled by a smartphone or tablet.

Sam's lighting talk about DistroWatch (DistroWatch.com): a site that tracks active distos for the RPi. Lakka is the best for retro gaming: drop any ROMs into the directory and it figures it out

New member brought his PiCade so we found some websites showcasing:
https://shop.pimoroni.com/products/picade
https://www.makeuseof.com/tag/10-diy-alternatives-picade-raspberry-pi-retro-gaming/

Docker container explanation (https://en.wikipedia.org/wiki/Docker_(software)): used to run software packages called "containers" that are isolated from each other and bundle their own application, tools, libraries and configuration files; and communicate with each other through well-defined channels. They are run by a single operating system kernel and are thus more lightweight than virtual machines. Containers are created from "images" that specify their precise contents.

Riverside Raspberry Pi

End