Introduction to Raspberry Pi for Developers

Jon Flanders

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What this course is about

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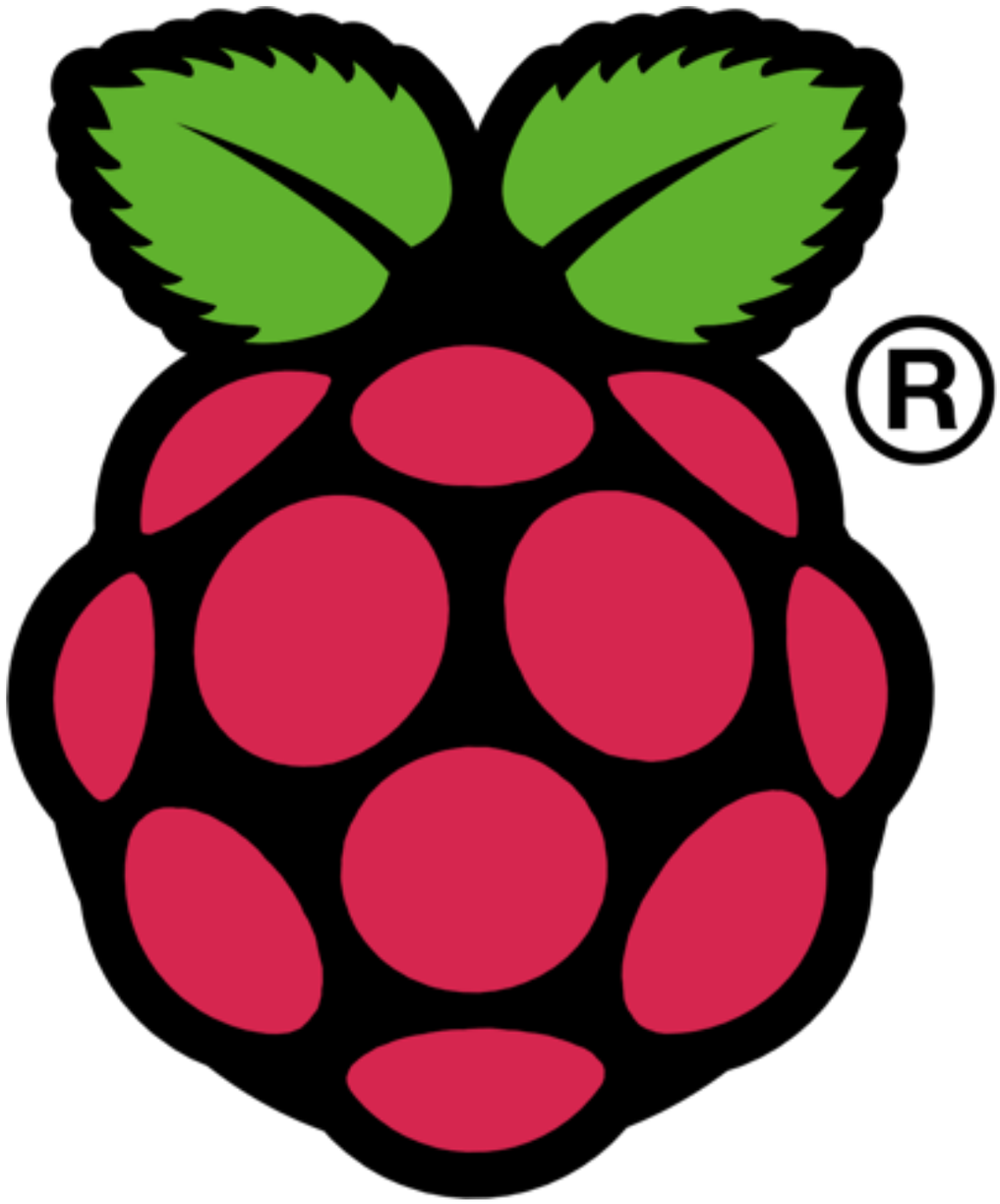

Raspberry Pi is a trademark of the Raspberry Pi Foundation

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Motivation of the creators was to build an inexpensive computer that can be used to teach children around the world how to program

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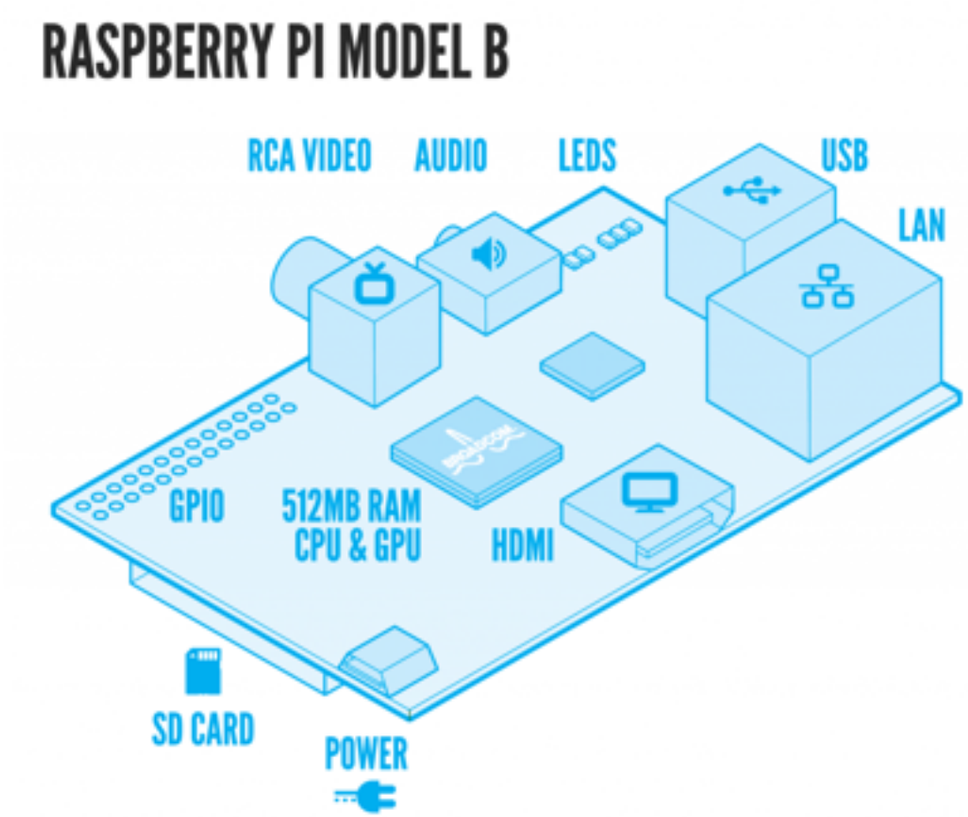

Image from http://raspberrypi.org - copyright by The Raspberry Pi Foundation

Software

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- **Raspbian distribution of Debian Linux is recommended**
  - Comes with useful tools and programs pre-installed
- **You can try to run other OSes**
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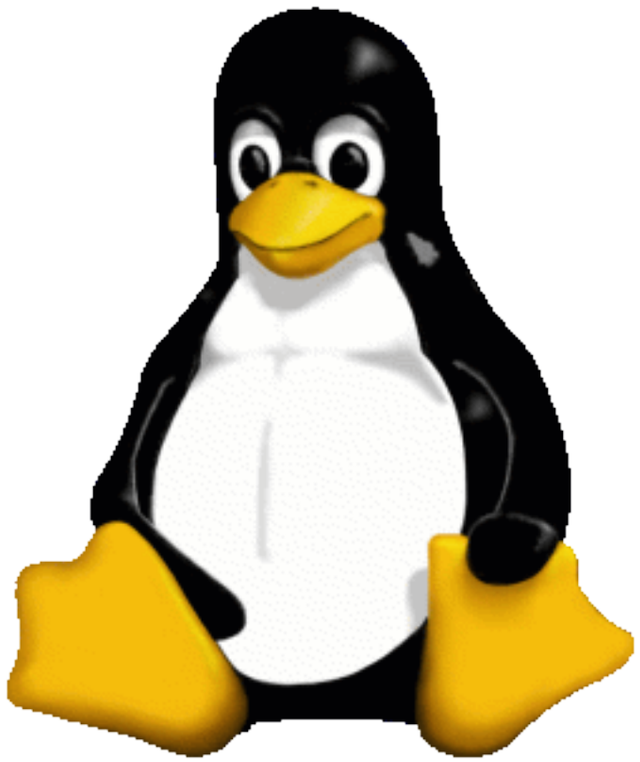

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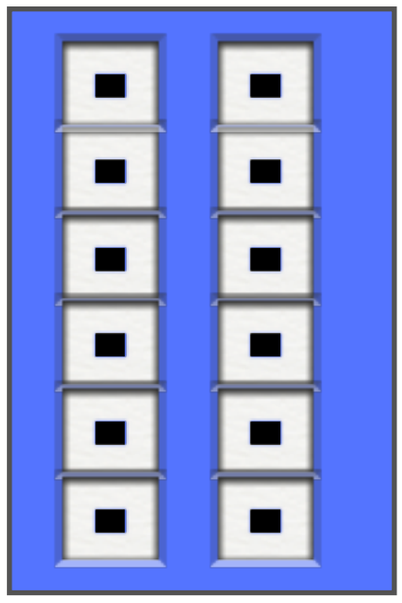

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- **Web Server**

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- **Power up Raspberry Pi**
  - Initial setup will happen and then you will be booted into X11

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Then you can use VNC to control your Pi.
Convenient unless you
have a KVM switcher already

Summary

- Raspberry Pi is a general-purpose inexpensive computing platform that has many potential uses