

# LAVA Team

## LAVA LMP Next Steps

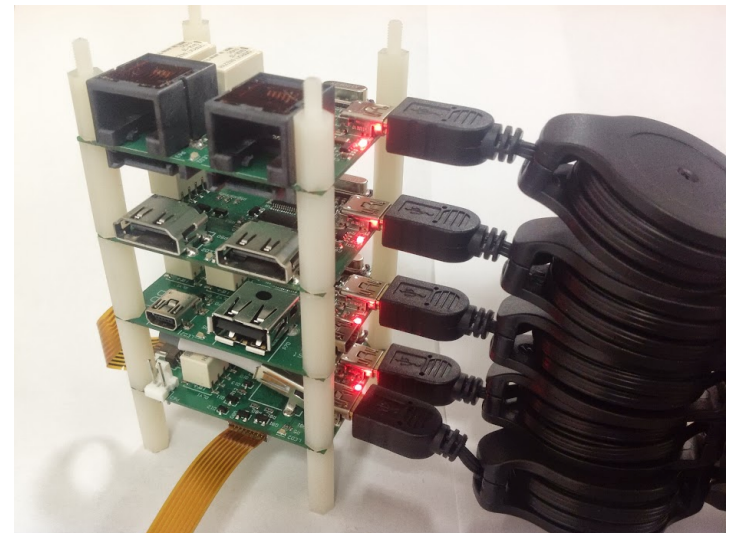


Dave Pigott, Tuesday



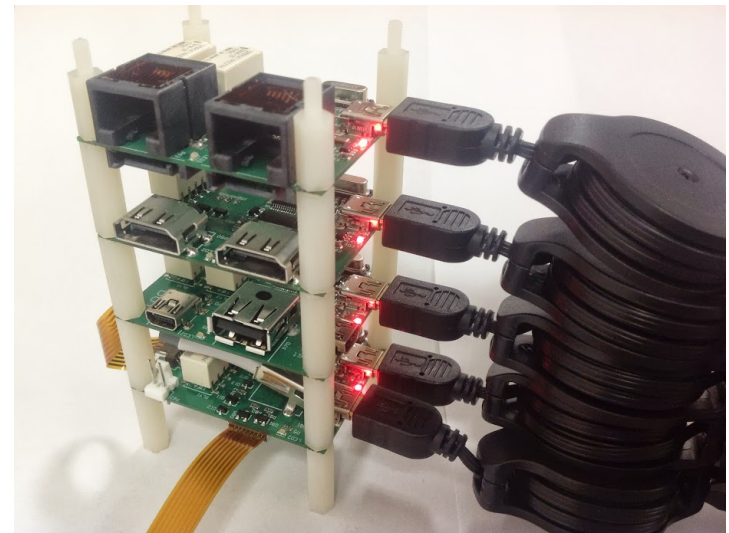
# LAVA LMP - Overview

- A technology that provides the ability to exercise how the test image reacts to hot plugging of:
  - Ethernet
  - SATA
  - Audio
  - HDMI
  - USB OTG
- Also provides additional board level control
  - Level Shifted GPIO
  - SD card MUX



# LAVA LMP - Control interface

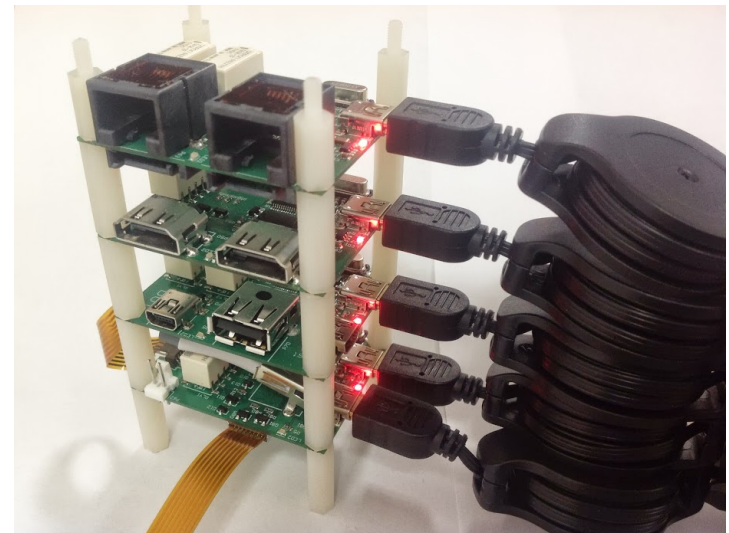
- Serial control
- Each board uniquely identifies itself
- Simple JSON interface
  - Commands and responses
- Already integrated into LAVA
  - lava-test-shell signals
- Starting testing in the LAVA LAB



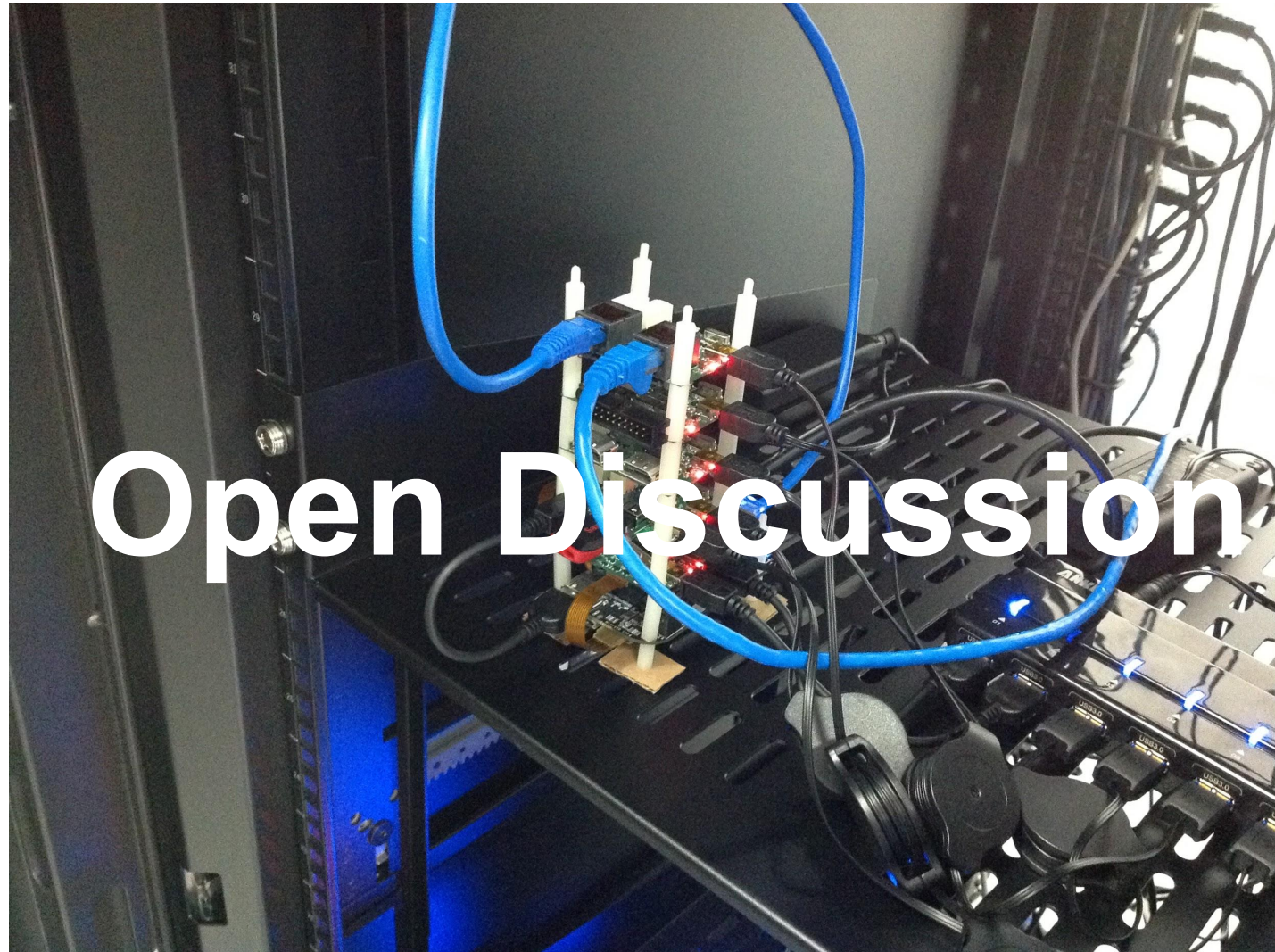


# LAVA LMP - Where next?

- Thoughts on additional possible LMP boards:
  - USB PDU -
    - P/S & control
    - Power draw considerations
  - USB MUX
  - Ethernet gpio
- Additional LAVA support?



# LAVA LMP





More about Linaro: <http://www.linaro.org/about/>

More about Linaro engineering: <http://www.linaro.org/engineering/>

How to join: <http://www.linaro.org/about/how-to-join>

Linaro members: [www.linaro.org/members](http://www.linaro.org/members)

More about LAVA

<http://wiki.linaro.org/Platform/LAVA> | <http://validation.linaro.org>