

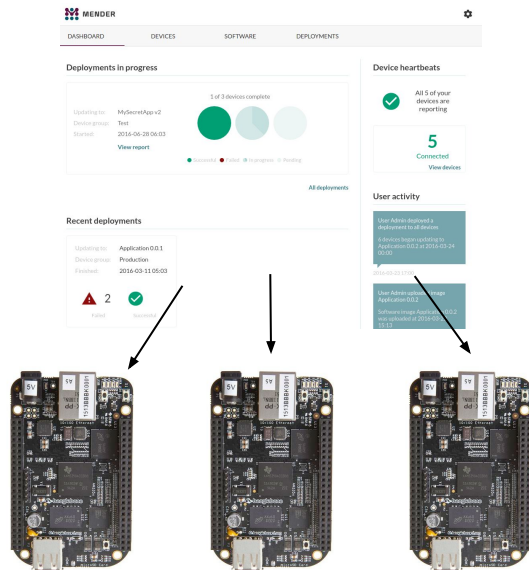


Over-the-air software update: embedded Linux

Marcin Pasinski

What is demonstrated

- Remote software update of BeagleBone Black
- Full rootfs-image based update
- Yocto Project integration (meta-mender)
- Robustness against update failure (power loss)
- Central deployment management & reporting



What was improved

- Save time - no need to build your own updater
- Avoid bricks with robust update process
- Easy to use and well documented
- Central reports give visibility into update status
- Open source (permissive: Apache License 2.0)



Hardware Information

- BeagleBone Black (for demo)
- Works on any Embedded Linux device w/ U-Boot

Source code or detail technical information availability

- mender.io