



Over-The-Air Software Updates for Embedded Linux

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What is demonstrated

Deploying image-based software updates to embedded Linux devices.

Specifically, we will be using a Yocto distribution and flashing the image on a device with a dual partition for rollback management.

Hardware Information

Beaglebone Black

What was improved

There is no standardized approach for deployment management of updates to embedded Linux devices. Mender is an open source solution that we aim to become the standard.

We have taken a survey of embedded Linux engineers and approximately half don't deploy updates while the other half built their own homegrown solution that takes 3-12 months to build.

Source code or detail technical information availability

<https://github.com/mendersoftware/>