

RN-1.2.0

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Release Date

September 12, 2017 (Final)

September 1, 2017 (Planned)

New Features

LoRa stack

- LoRa PHY radio / transceiver (SX1276)
- LoRaWAN protocol - port of the stack in <https://github.com/Lora-net/LoRaMac-node> to Mynewt
- API for application to use LoRaWAN and PHY
- Sample API

Bluetooth Mesh Support

- port of Bluetooth Mesh application from The Zephyr Project
- Provisioning client (both PB-GATT and PB-ADV)
- GATT proxy
- Foundation Models

Enhancement/Fixes to existing features

NimBLE stack enhancements

- GATT server improvements (support for changing registered services and toggling their visibility on the fly)
- improvements in HCI monitor over RTT support
- fixes for issues reported by static analysis tools

Newt Tool enhancements

- support for new MCUboot image format that allows for re-signing of images.

Additional Board Support Packages

- Calliope Mini

Known Issues and Limitations

Bluetooth 5 LE Coded PHY on nRF52840 PDK - T_IFS is not stable

[MYNEWT-783](#) - Getting issue details... STATUS

Newt has warning on multiple console API exported when building boot/boot_serial

newt resolves to use the correct console package and the warning can be ignored.