

NORDIC tech TOUR

nRF Apps and nRF Toolbox

OS native support for Bluetooth low energy

- Most mobile OS have native Bluetooth low energy support today
 - iOS 6 and later
 - Android 4.3 and later
 - Windows Phone 8.1 and later
- Most new smartphones and tablets have HW support for Bluetooth low energy
 - iPhone 4S, iPad 3 and later
 - Samsung S4
 - Google Nexus 4 (LG)
 - LG G-series
 - Sony Xperia Z-series

nRF Apps

A starting point for your own Apps

- Nordic offers a range of Apps for iOS and Android platforms
 - Apps & code for phones & tablets
 - nRF51 application example code
- Apps are functional and provide a basis for further development and customization
- Nordic does not provide support for developing Apps
- Apps available from:
 - iTunes App Store
 - Google Play
- Source code is available from Nordic web



nRF Toolbox for iOS & Android

- Container App that contains various test and demonstration features
- Firmware Upgrade features:
 - Device Firmware Upgrade (DFU)
- Demonstration Apps
 - Heart Rate Monitor (HRM)
 - Health Thermometer Monitor (HTM)
 - Blood Pressure Monitor (BPM)
 - Proximity Monitor
 - Blood Glucose Monitor (BGM)



nRF UART

Versatile tool with a familiar feel

- Custom Nordic Semiconductor UART service over Bluetooth Smart
- Available for iOS and Android platforms
- nRF UART can send and receive ASCII and UTF-8 text strings
- Works on nRF51422, nRF51822 and nRF8001 Kits



nRF Test Tools

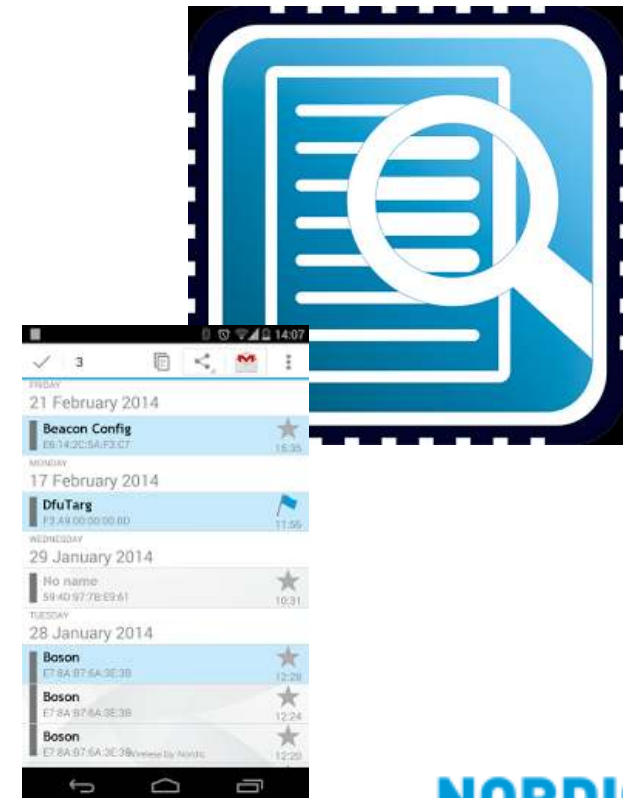
Master Control Panel

- Powerfully-featured tool
- Scans for Bluetooth Smart devices
- Parses advertisement data
- Discovers and parses services and characteristics
- Read/Write characteristics
- Enable/Disable notifications and indications



nRF Logger

- Logging App that allows store and view of BLE activity with
 - Master Control Panel
 - nRFToolbox
 - Proximity currently supported



Demo

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