

## Debugging application for ST Bluetooth low energy devices



### Features

- Discovery of peripherals
- Shows standard profile output
- Shows peripheral services and characteristics
- Performs read, write and notification interactions with peripherals
- Collects cloud-based analytics on the Azure App Center
- Bonds devices

### Description

The **STBLEToolbox** is a user-friendly application which interacts with and debugs ST Bluetooth low energy (BLE) devices.

The app is available for Android and iOS and can be downloaded at the respective web store, Google Play or Apple store.

Upon launch, the app scans for BLE devices. For each device found, it is possible to display advertisements and connect to it, showing all the peripheral services and characteristics.

The **STBLEToolbox** allows performing read/write and notification interaction with any Bluetooth characteristic, as well as logging all the Bluetooth events by selecting the maximum number of messages to log.

It also features application examples demonstrating Bluetooth LE profiles such as heart rate monitoring.

Product summary	
Debugging application for ST Bluetooth low energy devices	STBLEToolbox
Applications	Wireless Connectivity Bluetooth Low Energy

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
24-Feb-2021	1	Initial release.

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