Programming Bluetooth 5 Stacks
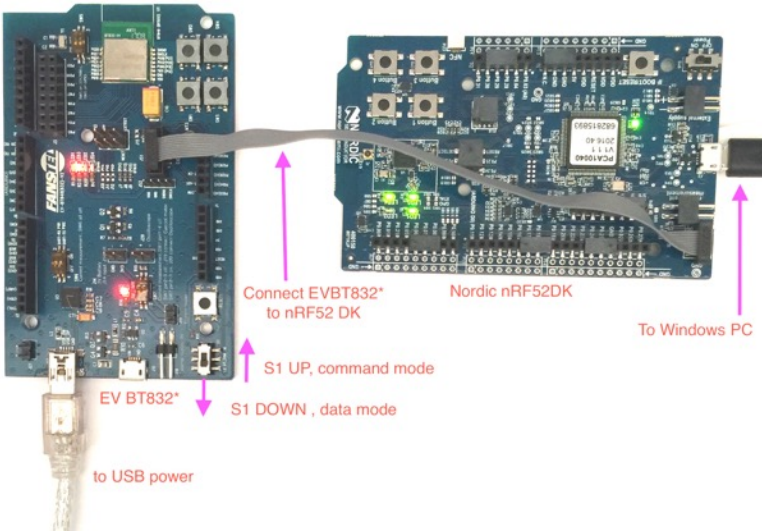
If your evaluation board is not pre-programmed with Bluetooth 5 codes, please download BT832_BlueNor_Nrf5x.rar from http://www.fanstel.com/download-document/

Unzip and extract the following files.
- Blue_nrf5x.hex (For BT832Series modules without power amplifier)
- s132_nrf52_5.0.0_softdevice.hex; (Bluetooth 5 SoftDevice from Nordic)

To program Bluetooth 5 AT Command codes:
- Connect evaluation board as above.
- Start nRFgo Studio on your Windows PC.
- Select the Segger board
- Optional for OTA only: select and program Bootloader
- Select and program SoftDevice hex codes.
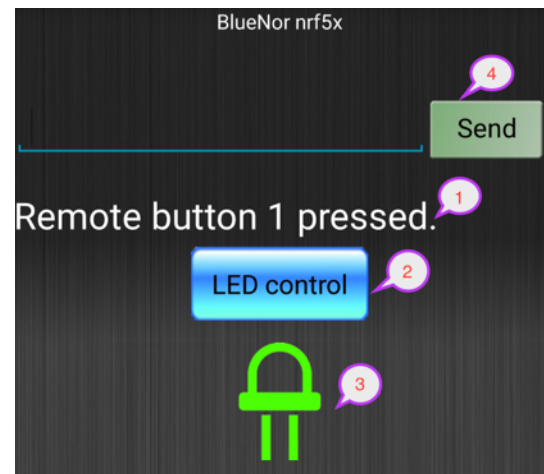- Select and program BT832*_AT_57600_V5.hex.

Using Bluetooth 5 Stacks

- Disconnect nRF52DK from EV BT832 and PC.
- Connect EV BT832 to a power source.
- Start **BlueNor nrf5x** app (from Google Play) on an Android device.
- **Scan** for Bluetooth devices.
- Select **BlueNor 52832X**.

When Bluetooth connection is established
- Press **LED control** icon as indicated by **2**. LED2 on EV BT832 toggles ON/OFF
- Press one of switches SW1, SW2, SW3, or SW4 on EV BT832, **LED** icon toggles as indicated by **3**; Sequence number of switch is displayed as **1**.

- Send function (**4**) does not work in this set up because EV BT832 is not connected to a display unit, such as a PC.

Developing Bluetooth 5 Applications

SDK and Android application source codes can be downloaded from http://www.fanstel.com/download-document/

Nordic development tools can be downloaded from: https://www.nordicsemi.com/eng/Products/Bluetooth-low-energy/nRF52832/Development-tools-and-Software