nRF Connect, 2018-06-28

DfuTarg (C0:C0:C0:C0:C0:C0)

V 06:03:16.575 Connecting to C0:C0:C0:C0:C0:C0...

D 06:03:16.575 gatt = device.connectGatt(autoConnect = false, TRANSPORT\_LE, preferred PHY = LE 1M)

D 06:03:17.506 [Broadcast] Action received: android.bluetooth.device.action.ACL\_CONNECTED

D 06:03:17.506 [Callback] Connection state changed with status: 0 and new state: CONNECTED (2)

I 06:03:17.506 Connected to C0:C0:C0:C0:C0:C0

V 06:03:17.529 Discovering services...

D 06:03:17.529 gatt.discoverServices()

I 06:03:17.945 Connection parameters updated (interval: 7.5ms, latency: 0, timeout: 5000ms)

D 06:03:18.310 [Callback] Services discovered with status: 0

I 06:03:18.310 Services discovered

V 06:03:18.346 Generic Access (0x1800)

- Device Name [R W] (0x2A00)

- Appearance [R] (0x2A01)

- Peripheral Preferred Connection Parameters [R] (0x2A04)

- Central Address Resolution [R] (0x2AA6)

Generic Attribute (0x1801)

- Service Changed [I] (0x2A05)

   Client Characteristic Configuration (0x2902)

Secure DFU Service (0xFE59)

- Secure Buttonless DFU [I W] (8ec90004-f315-4f60-9fb8-838830daea50)

   Client Characteristic Configuration (0x2902)

Unknown Service (003c1520-0000-1000-8000-00805f9b0141)

- Unknown Characteristic [N R W] (003c1521-0000-1000-8000-00805f9b0141)

   Client Characteristic Configuration (0x2902)

   Characteristic User Description (0x2901)

- Unknown Characteristic [N R W] (003c1522-0000-1000-8000-00805f9b0141)

   Client Characteristic Configuration (0x2902)

   Characteristic User Description (0x2901)

- Unknown Characteristic [N R] (003c1523-0000-1000-8000-00805f9b0141)

   Client Characteristic Configuration (0x2902)

   Characteristic User Description (0x2901)

- Unknown Characteristic [R] (003c1524-0000-1000-8000-00805f9b0141)

   Characteristic User Description (0x2901)

- Unknown Characteristic [W] (003c1525-0000-1000-8000-00805f9b0141)

   Characteristic User Description (0x2901)

- Unknown Characteristic [R] (003c1526-0000-1000-8000-00805f9b0141)

D 06:03:18.346 gatt.setCharacteristicNotification(00002a05-0000-1000-8000-00805f9b34fb, true)

D 06:03:18.349 gatt.setCharacteristicNotification(8ec90004-f315-4f60-9fb8-838830daea50, true)

D 06:03:18.351 gatt.setCharacteristicNotification(003c1521-0000-1000-8000-00805f9b0141, true)

D 06:03:18.353 gatt.setCharacteristicNotification(003c1522-0000-1000-8000-00805f9b0141, true)

D 06:03:18.358 gatt.setCharacteristicNotification(003c1523-0000-1000-8000-00805f9b0141, true)

I 06:03:18.395 Connection parameters updated (interval: 45.0ms, latency: 0, timeout: 5000ms)

V 06:03:20.127 Enabling indications for 8ec90004-f315-4f60-9fb8-838830daea50

D 06:03:20.128 gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x0200)

D 06:03:20.337 [Broadcast] Action received: android.bluetooth.device.action.BOND\_STATE\_CHANGED, bond state changed to: BOND\_BONDING (11)

D 06:03:20.355 [Broadcast] Action received: android.bluetooth.device.action.PAIRING\_REQUEST, pairing variant: PAIRING\_VARIANT\_PIN (0)

I 06:03:20.646 Connection parameters updated (interval: 7.5ms, latency: 0, timeout: 5000ms)

D 06:03:26.427 [Broadcast] Action received: android.bluetooth.device.action.BOND\_STATE\_CHANGED, bond state changed to: BOND\_BONDED (12)

I 06:03:26.427 Device bonded

I 06:03:26.435 Data written to descr. 00002902-0000-1000-8000-00805f9b34fb, value: (0x) 02-00

A 06:03:26.435 "Indications enabled" sent

V 06:03:26.456 Indications enabled for 8ec90004-f315-4f60-9fb8-838830daea50

I 06:03:26.947 Connection parameters updated (interval: 45.0ms, latency: 0, timeout: 5000ms)

V 06:03:35.029 [DFU] DFU service started

V 06:03:35.029 [DFU] Opening file...

I 06:03:35.030 [DFU] Firmware file opened successfully

V 06:03:35.030 [DFU] Connecting to DFU target...

D 06:03:35.031 [DFU] gatt = device.connectGatt(autoConnect = false)

I 06:03:35.036 [DFU] Connected to C0:C0:C0:C0:C0:C0

D 06:03:35.036 [DFU] wait(1600)

V 06:03:36.637 [DFU] Discovering services...

D 06:03:36.637 [DFU] gatt.discoverServices()

I 06:03:36.648 [DFU] Services discovered

D 06:03:36.675 [DFU] wait(1000)

I 06:03:37.296 Connection parameters updated (interval: 195.0ms, latency: 0, timeout: 10000ms)

W 06:03:37.661 [DFU] Application with buttonless update found

V 06:03:37.661 [DFU] Jumping to the DFU Bootloader...

V 06:03:37.661 [DFU] Enabling indications for 8ec90004-f315-4f60-9fb8-838830daea50

D 06:03:37.661 [DFU] gatt.setCharacteristicNotification(8ec90004-f315-4f60-9fb8-838830daea50, true)

D 06:03:37.663 [DFU] gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x02-00)

I 06:03:38.080 [DFU] Data written to descr.8ec90004-f315-4f60-9fb8-838830daea50, value (0x): 02-00

V 06:03:38.080 [DFU] Notifications enabled for 8ec90004-f315-4f60-9fb8-838830daea50

A 06:03:38.080 [DFU] Indications enabled

D 06:03:38.080 [DFU] wait(1000)

V 06:03:39.112 [DFU] Writing to characteristic 8ec90004-f315-4f60-9fb8-838830daea50

D 06:03:39.112 [DFU] gatt.writeCharacteristic(8ec90004-f315-4f60-9fb8-838830daea50)

I 06:03:39.442 Indication received from 8ec90004-f315-4f60-9fb8-838830daea50, value: (0x) 20-01-01

A 06:03:39.442 "(0x) 20-01-01" received

I 06:03:39.461 [DFU] Notification received from 8ec90004-f315-4f60-9fb8-838830daea50, value (0x): 20-01-01

A 06:03:39.462 [DFU] Enter bootloader sent (Op Code = 1)

A 06:03:39.462 [DFU] Response received (Op Code = 1, Status = 1)

D 06:03:40.032 [Callback] Connection state changed with status: 19 and new state: DISCONNECTED (0)

W 06:03:40.032 Connection terminated by peer (status 19)

I 06:03:40.032 Disconnected

I 06:03:40.033 [DFU] Disconnected by the remote device

D 06:03:40.058 [DFU] gatt.close()

D 06:03:40.058 [Broadcast] Action received: android.bluetooth.device.action.ACL\_DISCONNECTED

D 06:03:40.059 [DFU] [Broadcast] Action received: android.bluetooth.device.action.ACL\_DISCONNECTED

V 06:03:40.065 [DFU] DFU service started

I 06:03:40.065 [DFU] Firmware file opened successfully

D 06:03:40.065 [DFU] wait(1000)

D 06:03:41.065 [DFU] wait(1000)

V 06:03:42.067 [DFU] Connecting to DFU target...

D 06:03:42.111 [DFU] gatt = device.connectGatt(autoConnect = false)

I 06:03:43.197 [DFU] Connected to C0:C0:C0:C0:C0:C0

D 06:03:43.198 [Broadcast] Action received: android.bluetooth.device.action.ACL\_CONNECTED

D 06:03:43.198 [DFU] [Broadcast] Action received: android.bluetooth.device.action.ACL\_CONNECTED

D 06:03:43.199 [DFU] wait(1600)

V 06:03:44.800 [DFU] Discovering services...

D 06:03:44.800 [DFU] gatt.discoverServices()

I 06:03:44.807 [DFU] Services discovered

D 06:03:44.859 [DFU] wait(1000)

W 06:03:45.817 [DFU] Application with buttonless update found

V 06:03:45.817 [DFU] Jumping to the DFU Bootloader...

V 06:03:45.817 [DFU] Enabling indications for 8ec90004-f315-4f60-9fb8-838830daea50

D 06:03:45.817 [DFU] gatt.setCharacteristicNotification(8ec90004-f315-4f60-9fb8-838830daea50, true)

D 06:03:45.819 [DFU] gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x02-00)

E 06:03:45.891 [DFU] Error (0x03): GATT WRITE NOT PERMIT

V 06:03:45.891 [DFU] Disconnecting...

D 06:03:45.913 [DFU] gatt.disconnect()

I 06:03:45.913 [DFU] Disconnected

D 06:03:45.913 [DFU] gatt.close()

D 06:03:45.913 [DFU] wait(600)

D 06:03:46.510 gatt.close()

D 06:03:46.512 wait(200)

V 06:03:46.714 Connecting to C0:C0:C0:C0:C0:C0...

D 06:03:46.714 gatt = device.connectGatt(autoConnect = false, TRANSPORT\_LE, preferred PHY = LE 1M)

D 06:03:46.726 [Callback] Connection state changed with status: 0 and new state: CONNECTED (2)

I 06:03:46.726 Connected to C0:C0:C0:C0:C0:C0

D 06:03:46.731 wait(1600ms)

V 06:03:48.334 Discovering services...

D 06:03:48.334 gatt.discoverServices()

D 06:03:48.347 [Callback] Services discovered with status: 0

I 06:03:48.347 Services discovered

V 06:03:48.390 Generic Access (0x1800)

- Device Name [R W] (0x2A00)

- Appearance [R] (0x2A01)

- Peripheral Preferred Connection Parameters [R] (0x2A04)

- Central Address Resolution [R] (0x2AA6)

Generic Attribute (0x1801)

- Service Changed [I] (0x2A05)

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- Unknown Characteristic [R] (003c1524-0000-1000-8000-00805f9b0141)

   Characteristic User Description (0x2901)

- Unknown Characteristic [W] (003c1525-0000-1000-8000-00805f9b0141)

   Characteristic User Description (0x2901)

- Unknown Characteristic [R] (003c1526-0000-1000-8000-00805f9b0141)

D 06:03:48.391 gatt.setCharacteristicNotification(00002a05-0000-1000-8000-00805f9b34fb, true)

D 06:03:48.393 gatt.setCharacteristicNotification(8ec90004-f315-4f60-9fb8-838830daea50, true)

D 06:03:48.396 gatt.setCharacteristicNotification(003c1521-0000-1000-8000-00805f9b0141, true)

D 06:03:48.398 gatt.setCharacteristicNotification(003c1522-0000-1000-8000-00805f9b0141, true)

D 06:03:48.400 gatt.setCharacteristicNotification(003c1523-0000-1000-8000-00805f9b0141, true)