

nRF Connect, 2019-12-18

HELIOS_1 (FB:30:2F:3A:7F:01)

V 09:55:00.449 Connecting to FB:30:2F:3A:7F:01...

D 09:55:00.449 gatt = device.connectGatt(autoConnect = false, TRANSPORT_LE, preferred PHY = LE 1M)

D 09:55:00.762 [Broadcast] Action received: android.bluetooth.device.action.ACL_CONNECTED

D 09:55:00.838 [Callback] Connection state changed with status: 0 and new state: CONNECTED (2)

I 09:55:00.839 Connected to FB:30:2F:3A:7F:01

V 09:55:00.864 Discovering services...

D 09:55:00.864 gatt.discoverServices()

I 09:55:01.483 Connection parameters updated (interval: 7.5ms, latency: 0, timeout: 5000ms)

D 09:55:01.614 [Broadcast] Action received:
android.bluetooth.device.action.BOND_STATE_CHANGED, bond state changed to: BOND_BONDING (11)

D 09:55:01.646 [Broadcast] Action received: android.bluetooth.device.action.PAIRING_REQUEST,
pairing variant: PAIRING_VARIANT_CONSENT (3)

D 09:55:01.698 [Callback] Services discovered with status: 0

I 09:55:01.698 Services discovered

V 09:55:01.709 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)

Nordic UART Service (6e400001-b5a3-f393-e0a9-e50e24dcca9e)

- RX Characteristic [W WNR] (6e400002-b5a3-f393-e0a9-e50e24dcca9e)

- TX Characteristic [N] (6e400003-b5a3-f393-e0a9-e50e24dcca9e)

Client Characteristic Configuration (0x2902)

D 09:55:01.709 gatt.setCharacteristicNotification(00002a05-0000-1000-8000-00805f9b34fb, true)

D 09:55:01.714 gatt.setCharacteristicNotification(6e400003-b5a3-f393-e0a9-e50e24dcca9e, true)

I 09:55:01.781 Connection parameters updated (interval: 48.75ms, latency: 0, timeout: 5000ms)

D 09:55:02.710 [Broadcast] Action received: android.bluetooth.device.action.PAIRING_REQUEST,
pairing variant: PAIRING_VARIANT_PIN (0)

I 09:55:02.907 Connection parameters updated (interval: 7.5ms, latency: 0, timeout: 5000ms)

V 09:55:06.800 Enabling notifications for 6e400003-b5a3-f393-e0a9-e50e24dcca9e

D 09:55:06.800 gatt.setCharacteristicNotification(6e400003-b5a3-f393-e0a9-e50e24dcca9e, true)

D 09:55:06.801 gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x0100)

D 09:55:08.207 [Broadcast] Action received:
android.bluetooth.device.action.BOND_STATE_CHANGED, bond state changed to: BOND_BONDED (12)

I 09:55:08.207 Device bonded
I 09:55:09.133 Data written to descr. 00002902-0000-1000-8000-00805f9b34fb, value: (0x) 01-00
A 09:55:09.134 "Notifications enabled" sent
V 09:55:09.140 Notifications enabled for 6e400003-b5a3-f393-e0a9-e50e24dcca9e
I 09:55:09.147 Connection parameters updated (interval: 75.0ms, latency: 0, timeout: 4000ms)
I 09:55:09.318 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:09.318 " k,
I 09:55:10.292 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:10.292 " k,
I 09:55:11.344 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:11.344 " k,
I 09:55:12.317 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:12.317 " k,
I 09:55:13.292 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:13.292 " k,
I 09:55:14.267 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:14.267 " k,
I 09:55:15.247 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:15.247 " k,
I 09:55:16.217 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:16.217 " k,
I 09:55:17.274 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:17.274 " k,
I 09:55:18.317 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6c-2c-00-fa-2c-03-00-2f
A 09:55:18.317 " l,
I 09:55:19.217 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:19.217 " k,
I 09:55:20.192 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:20.192 " k,
I 09:55:21.167 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)
11-07-6c-2c-00-fa-2c-03-00-2f
A 09:55:21.167 " l,
I 09:55:22.217 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)

11-07-6B-2C-00-FA-2C-03-00-2F

A 09:55:22.217 " k,

I 09:55:23.192 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)

11-07-6B-2C-00-FA-2C-03-00-2F

A 09:55:23.192 " k,

I 09:55:24.167 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)

11-07-6B-2C-00-FA-2C-03-00-2F

A 09:55:24.167 " k,

V 09:55:24.830 [DFU] DFU service started

V 09:55:24.830 [DFU] Opening file...

I 09:55:24.847 [DFU] Firmware file opened successfully

V 09:55:24.847 [DFU] Connecting to DFU target...

D 09:55:24.848 [DFU] gatt = device.connectGatt(autoConnect = false)

I 09:55:24.855 [DFU] Connected to FB:30:2F:3A:7F:01

D 09:55:24.855 [DFU] wait(1600)

I 09:55:25.142 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)

11-07-6B-2C-00-FA-2C-03-00-2F

A 09:55:25.142 " k,

I 09:55:26.119 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)

11-07-6B-2C-00-FA-2C-03-00-2F

A 09:55:26.119 " k,

V 09:55:26.457 [DFU] Discovering services...

D 09:55:26.457 [DFU] gatt.discoverServices()

I 09:55:26.463 [DFU] Services discovered

V 09:55:26.465 [DFU] Reading Service Changed CCCD value...

D 09:55:26.465 [DFU] gatt.readDescriptor(00002902-0000-1000-8000-00805f9b34fb)

I 09:55:26.575 [DFU] Read Response received from descr.00002a05-0000-1000-8000-00805f9b34fb, value (0x): 00-00

V 09:55:26.578 [DFU] Enabling indications for 00002a05-0000-1000-8000-00805f9b34fb

D 09:55:26.578 [DFU] gatt.setCharacteristicNotification(00002a05-0000-1000-8000-00805f9b34fb, true)

D 09:55:26.580 [DFU] gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x02-00)

I 09:55:26.719 [DFU] Data written to descr.00002a05-0000-1000-8000-00805f9b34fb, value (0x): 02-00

V 09:55:26.719 [DFU] Indications enabled for 00002a05-0000-1000-8000-00805f9b34fb

A 09:55:26.720 [DFU] Service Changed indications enabled

D 09:55:26.750 [DFU] wait(1000)

I 09:55:27.170 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x)

11-07-6B-2C-00-FA-2C-03-00-2F

A 09:55:27.170 " k,

W 09:55:27.750 [DFU] Application with buttonless update found

V 09:55:27.750 [DFU] Jumping to the DFU Bootloader...

V 09:55:27.750 [DFU] Enabling indications for 8ec90004-f315-4f60-9fb8-838830daea50

D 09:55:27.750 [DFU] gatt.setCharacteristicNotification(8ec90004-f315-4f60-9fb8-838830daea50,

true)

D 09:55:27.753 [DFU] gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x02-00)
I 09:55:27.843 [DFU] Data written to descr.8ec90004-f315-4f60-9fb8-838830daea50, value (0x): 02-00
V 09:55:27.843 [DFU] Notifications enabled for 8ec90004-f315-4f60-9fb8-838830daea50
A 09:55:27.846 [DFU] Indications enabled
D 09:55:27.848 [DFU] wait(1000)
I 09:55:28.142 Notification received from 6e400003-b5a3-f393-e0a9-e50e24dcca9e, value: (0x) 11-07-6b-2c-00-fa-2c-03-00-2f
A 09:55:28.142 " k,
V 09:55:28.866 [DFU] Writing to characteristic 8ec90004-f315-4f60-9fb8-838830daea50
D 09:55:28.866 [DFU] gatt.writeCharacteristic(8ec90004-f315-4f60-9fb8-838830daea50)
I 09:55:28.972 [DFU] Notification received from 8ec90004-f315-4f60-9fb8-838830daea50, value (0x): 20-01-01
A 09:55:28.972 [DFU] Enter bootloader sent (Op Code = 1)
A 09:55:28.972 [DFU] Response received (Op Code = 1, Status = 1)
D 09:55:33.129 [Callback] Connection state changed with status: 8 and new state: DISCONNECTED (0)
E 09:55:33.131 Error 8 (0x8): GATT CONN TIMEOUT
I 09:55:33.131 Disconnected
I 09:55:33.138 [DFU] Disconnected by the remote device
D 09:55:33.217 [DFU] gatt.close()
D 09:55:33.222 [Broadcast] Action received: android.bluetooth.device.action.ACL_DISCONNECTED
D 09:55:33.222 [DFU] [Broadcast] Action received: android.bluetooth.device.action.ACL_DISCONNECTED
V 09:55:33.247 [DFU] DFU service started
I 09:55:33.247 [DFU] Firmware file opened successfully
D 09:55:33.247 [DFU] wait(1000)
D 09:55:34.240 [DFU] wait(1000)
V 09:55:35.232 [DFU] Connecting to DFU target...
D 09:55:35.294 [DFU] gatt = device.connectGatt(autoConnect = false)
D 09:55:35.497 [Broadcast] Action received: android.bluetooth.device.action.ACL_CONNECTED
D 09:55:35.524 [DFU] [Broadcast] Action received: android.bluetooth.device.action.ACL_CONNECTED
I 09:55:35.524 [DFU] Connected to FB:30:2F:3A:7F:01
D 09:55:35.524 [DFU] wait(1600)
V 09:55:37.120 [DFU] Discovering services...
D 09:55:37.121 [DFU] gatt.discoverServices()
I 09:55:37.131 [DFU] Services discovered
V 09:55:37.131 [DFU] Reading Service Changed CCCD value...
D 09:55:37.132 [DFU] gatt.readDescriptor(00002902-0000-1000-8000-00805f9b34fb)
I 09:55:37.163 [DFU] Read Response received from descr.00002a05-0000-1000-8000-00805f9b34fb, value (0x): 02-00
A 09:55:37.165 [DFU] Service Changed indications enabled

D 09:55:37.195 [DFU] wait(1000)
V 09:55:38.226 [DFU] Requesting new MTU...
D 09:55:38.226 [DFU] gatt.requestMtu(517)
I 09:55:38.246 [DFU] MTU changed to: 247
V 09:55:38.246 [DFU] Enabling notifications for 8ec90001-f315-4f60-9fb8-838830daea50
D 09:55:38.246 [DFU] gatt.setCharacteristicNotification(8ec90001-f315-4f60-9fb8-838830daea50, true)
D 09:55:38.246 [DFU] gatt.writeDescriptor(00002902-0000-1000-8000-00805f9b34fb, value=0x01-00)
I 09:55:38.293 [DFU] Data written to descr.8ec90001-f315-4f60-9fb8-838830daea50, value (0x): 01-00
V 09:55:38.293 [DFU] Notifications enabled for 8ec90001-f315-4f60-9fb8-838830daea50
A 09:55:38.293 [DFU] Notifications enabled
D 09:55:38.293 [DFU] wait(1000)
V 09:55:39.341 [DFU] Writing to characteristic 8ec90001-f315-4f60-9fb8-838830daea50
D 09:55:39.341 [DFU] gatt.writeCharacteristic(8ec90001-f315-4f60-9fb8-838830daea50)
I 09:55:39.375 [DFU] Data written to 8ec90001-f315-4f60-9fb8-838830daea50, value (0x): 06-01
I 09:55:39.380 [DFU] Notification received from 8ec90001-f315-4f60-9fb8-838830daea50, value (0x): 60-06-01-00-02-00-00-00-00-00-00-00-00-00-00-00
A 09:55:39.384 [DFU] Command object info received (Max size = 512, Offset = 0, CRC = 00000000)
V 09:55:39.384 [DFU] Writing to characteristic 8ec90001-f315-4f60-9fb8-838830daea50
D 09:55:39.384 [DFU] gatt.writeCharacteristic(8ec90001-f315-4f60-9fb8-838830daea50)
E 09:55:45.390 [DFU] Error (0x85): GATT ERROR
V 09:55:45.390 [DFU] Disconnecting...
D 09:55:45.412 [Broadcast] Action received: android.bluetooth.device.action.ACL_DISCONNECTED
D 09:55:45.430 [DFU] [Broadcast] Action received: android.bluetooth.device.action.ACL_DISCONNECTED
D 09:55:45.430 [DFU] gatt.disconnect()
I 09:55:45.430 [DFU] Disconnected
D 09:55:45.433 [DFU] gatt.close()
D 09:55:45.438 [DFU] wait(600)
D 09:55:46.041 gatt.close()
D 09:55:46.047 wait(200)
V 09:55:46.252 Connecting to FB:30:2F:3A:7F:01...
D 09:55:46.252 gatt = device.connectGatt(autoConnect = false, TRANSPORT_LE, preferred PHY = LE 1M)
D 09:55:51.277 [Callback] Connection state changed with status: 133 and new state: DISCONNECTED (0)
E 09:55:51.277 Error 133 (0x85): GATT ERROR
I 09:55:51.277 Disconnected