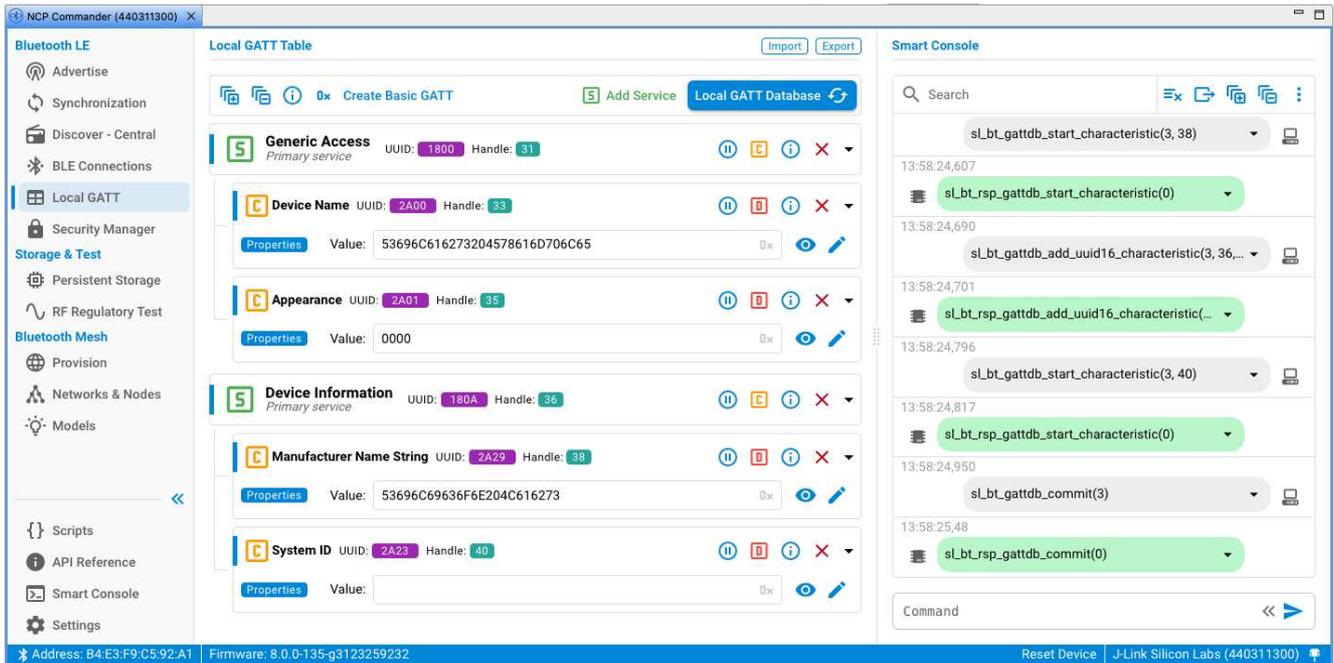


# GATT Database

## GATT Database

# GATT Database

NCP commander supports creating a GATT database. To generate a basic GATT database, open the Local GATT view, and click Create Basic GATT. The following database is generated.



The screenshot displays the NCP Commander interface for device 440311300. The 'Local GATT Table' section shows a list of services and characteristics:

- Generic Access** (Primary service, UUID: 1800, Handle: 31)
- Device Name** (UUID: 2A00, Handle: 33)
  - Properties: Value: 53696C616273204578616D706C65
- Appearance** (UUID: 2A01, Handle: 35)
  - Properties: Value: 0000
- Device Information** (Primary service, UUID: 180A, Handle: 36)
- Manufacturer Name String** (UUID: 2A29, Handle: 38)
  - Properties: Value: 53696C69636F6E204C616273
- System ID** (UUID: 2A23, Handle: 40)
  - Properties: Value:

The 'Smart Console' on the right shows a sequence of commands and responses:

```
sl_bt_gattdb_start_characteristic(3, 38)
13:58:24,607 sl_bt_rsp_gattdb_start_characteristic(0)
13:58:24,690 sl_bt_gattdb_add_uuid16_characteristic(3, 36,...)
13:58:24,701 sl_bt_rsp_gattdb_add_uuid16_characteristic(...)
13:58:24,796 sl_bt_gattdb_start_characteristic(3, 40)
13:58:24,817 sl_bt_rsp_gattdb_start_characteristic(0)
13:58:24,950 sl_bt_gattdb_commit(3)
13:58:25,48 sl_bt_rsp_gattdb_commit(0)
```

Here you can add services and characteristics. You can also read out the local GATT database from the device.