# CC2640\_Developper\_Guide\_Chapter2

## Change Device Name

### Process

* Get MAC address
* Change ScanRepData array and attDeviceName arrary
* Call API to Change DeviceName in ScanRepData
* Call API to Change DeviceName in attDeviceName

#### More Information

<http://www.deyisupport.com/question_answer/wireless_connectivity/bluetooth/f/103/t/61571.aspx>

### Get MAC Address

#### API

GAPRole\_GetParameter(GAPROLE\_BD\_ADDR, ownAddress);

GAPROLE\_BD\_ADDR: Device address read from controller.

ownAddress: Target Address

#### note

this api should call **after**  SimpleBLEPeripheral\_init() function.

If call this API in SimpleBLEPeripheral\_init() function, you can’t get device’s mac address.Becuse GAP message can’t get in SimpleBLEPeripheral\_init() .

#### More Information

<http://www.deyisupport.com/question_answer/wireless_connectivity/bluetooth/f/103/p/79635/198617.aspx#198617\>

### Change DeviceName in ScanRspData

#### API

GAPRole\_SetParameter(GAPROLE\_SCAN\_RSP\_DATA,sizeof(scanRspData), scanRspData);

#### note

No restart is required

### Change DeviceName in attDeviceName

#### API

GGS\_SetParameter(GGS\_DEVICE\_NAME\_ATT, sizeof (attDeviceName) , attDeviceName) ;

#### note

No restart is required

### Difference between attDeviceName and ScanRspData

Before connect, host can’t get attDeviceName,but can get the device name in ScanRepData.Andriod always get device name in ScanRepData.

#### More Information

<http://www.deyisupport.com/question_answer/wireless_connectivity/bluetooth/f/103/p/70710/171304.aspx#171304>

## Soft Reset

#### API

HAL\_SYSTEM\_RESET();

#### More Information

<http://www.deyisupport.com/question_answer/wireless_connectivity/bluetooth/f/103/t/69240.aspx>