

## SubDevice.WriteCharacteristic

Rewrite BLE characteristic of a device

### Синтаксис

SubDevice.WriteCharacteristic(Characteristic)

Название	Пример	Описание
Characteristic		type: Object Characteristic object

### На выходе

-

### Пример

```
var l_oDevice = module.CreateDevice(IR.DEVICE_BLE_DEVICE, "Kettle", UUID);
//Creating a BLE device
var l_oSubDevice = module.AddSubDevice("SubDevice 1", l_oDevice); //creating
a subdevice
l_oSubDevice.DiscoverServices(); //discovering services
module.AddListener(IR.EVENT_SERVICES_DISCOVERED, l_oSubDevice, function(){

    var l_aServices = l_oSubDevice.GetServices(); //Getting services
    for (var i = ; i < l_aServices.length; i++) {
        var l_aCharacteristics = l_aServices[i].GetCharacteristics();
        for (var j = ; j < l_aCharacteristics.length; j++) {
            l_aCharacteristics[j].Value = [...]; //writing a new
value
l_oSubDevice.WriteCharacteristic(l_aCharacteristics[j]); //Rewriting a
characteristic
        }
    }
});
module.AddListener(IR.EVENT_CHARACTERISTIC_WRITE, l_oSubDevice,
function(in_serviceUuid, in_characteristicUuid, in_status){

    IR.Log(in_serviceUuid);
    IR.Log(in_characteristicUuid);
    IR.Log(in_status);

})
```

Calls the following event: IR.EVENT\_CHARACTERISTIC\_WRITE - characteristic is written.

Note:

- Value property of a characteristic is used as a container on a new value to send to a device ;
- The format of a byte array to write may differ from the array format that can be received when

reading;

- The characteristic must have the following properties `CharacteristicPropertyWrite` or similar.

Characteristic properties:

- `UUID` - characteristic uuid
- `Permissions` - permission level
- `Properties` - properties
- `Value` - value