Android Demo App for Telink mesh release notes

2018/04/28 (V2.3)

git branch gitolite@www.telink-us.com:telink\_app -> mesh\_demo\_app

version: 2.3

githash: b44c27ba54bca06f65d7c5178ced603b66787d35

gittime: 2018/4/28 21:02:08

release date: 2018/4/28

difference description:

1. Lib更新：

1.1 扫描接口添加LeScanParameters.setScanTypeFilter(int type)， 用于过滤扫描的设备类型(仅上报该类型);

1.2 Manufacture 中的默认vendorId 由 0x1102 改为 0x0211, 并在对应调用位置做大小端修改；

2. Demo更新

2.1 MeshOTA 流程修改: 新增设置OTA模式指令; 新增静默OTA功能: 参考MeshOTAService 类实现相关功能;

2.2 单灯OTA流程修改: OTA完成后增加回读动作， 读取设备的版本号， 判断是否与对应firmware版本一致， 来确定OTA成功；

2.3 demo中降低online status 设备控制权限: 对于未加灯设备， 设定为只可开关灯

2.4 demo 中新增Mesh加灯功能， 对应DeviceMeshScanningActivity类， 可通过选择主页标题栏MeshScan再点击'+'进入;

2017/12/29 (V2.2)

git branch gitolite@www.telink-us.com:telink\_app -> mesh\_demo\_app

version: 2.2

githash: 1738dcdb26a0301a1e188eb0c3e5b0ffd9210973

gittime: 2017/12/29 18:04:02

release date: 2017/12/29

difference description:

Demo 修改

1. mesh 分享功能添加, 在mesh setting页面点share mesh可以分享/扫描二维码；

2. OTA 发包时， 少于20字节的会在content部分补0xFF, 与iOS统一。

Demo update:

1. Add mesh share function: users can share / scan for new mesh when click share mesh button in mesh setting page
2. When OTA sending package, 0xFF will be added if pkt size < 20, same as iOS

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2017/11/9 (V2.1)

git branch gitolite@www.telink-us.com:telink\_app -> mesh\_demo\_app

version: 2.1

githash: 996092f1b88d7a4c143fd8bb7b846b25c58bb496

gittime: 2017/11/9 11:11:13

release date: 2017/11/9

difference description:

1. 采样类修改， 指令最后时间lastCmdTime加入delay的延时，保证指令发送正常， 目的在于 修复在重复发送非采样指令时，期间插入指令导致设备相应不正常问题。

2. 小米6手机 兼容性问题： 加灯过程中会出现 闪灯成功，app却加灯失败， 通过抓包分析，小米手机在发送write\_response指令时，把ack当作response，导致后面的包乱序。

解决方法， 在reset的4条指令中间添加一定时间(默认200ms)的delay；

3. 添加ErrorReport 埋点信息;

4. 修改7.0及以上系统Ble扫描机制， 以修复华为部分手机兼容性问题：【在7.0及以上系统中扫描时发起连接则会出现连接不上(无法建立连接或者读取ATT表失败)】。

修改点：

4.1 扫描停止动作由延时处理改为即时处理;

4.2 扫描开启动作会判断上一次扫描成功开启时间，少于 【6s】 时会delay 时间差值，以保证【在反复开启扫描不会出现扫描不到】(@quote 4.10 update)的情况;

5. Alarm解析器类GetAlarmNotificationParser中 parse() 方法修改: 修复解析错误的问题;

1. Edit AdvanceStrategy class, repair [during commad queue processing, interject another command, this command may not responsed by remote device] issue;
2. Xiaomi 6 compatibility issue, add device may fail as this phone regard the ack as the response for write command. Repair method: During the processing , we add 200ms delay.
3. We add ErrorReport info to finalize connect issues;
4. On part of huawei honor series phones connect during scan may fail; We change scan actions on android 7.0 :
   1. stop scan action shoud be excuted instantly;
   2. restart scan action will be excuted once [6s] during upon last start action;
5. Edit GetAlarmNotificationParser.parse() method: repaire parse error issue;

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2017/8/9 (V2.0)

git branch gitolite@www.telink-us.com:telink\_app -> mesh\_demo\_app

version: 2.0

githash: 0876e484b989f1bee835faa8e6520f9fe7ea68f9

gittime: 2017/8/9 17:26:05

release date: 2017/8/9

difference description:

1.ota related:

1).when app sends 'get fw ota status' cmd,if fw does not response it,trigger the attempt to retry 3 times.if 3 times later has not responded,just continues the ota.

2).if there is a letter in the fw's version number just like V1.A/V1.B...,the app should also correctly compare the size of them to decide whether to ota.

2.clean invlid libaray file.

version: 1.x

release date: 2017/5/23