# 1, 蓝牙板到空调板有不少重复的通讯，下面以APP发起一次通讯为例

/\*APP发送的SET REQUEST命令\*/

<info> cst\_data: received app data:

<info> cst\_data: A5 52 19 00 01 02 03 04|.R......

<info> cst\_data: 64 E2 CC 25 00 15 10 01|d..%....

<info> cst\_data: 01 11 01 01 12 01 01 13|........

<info> cst\_data: 02 00 01 14 02 00 46 15|......F.

<info> cst\_data: 02 01 1F 21 A9 |...!.

<info> service\_p: [ShortUserID] check input bond infor success !!!!!!

//设置空压机和制氧机的IO口

<info> send\_app: [app\_Set\_Request] rev\_data\_crc =0x21A9 calcul\_crc =0x21A9

<info> GPIO\_INIT: [IO] bsp\_IO\_AirComp\_ctrl =1

<info> GPIO\_INIT: [IO] bsp\_IO\_Oxygen\_ctrl =1

//设置空调温度

<info> send\_app: [app\_Set\_Request] Air\_Compressor.AirConditi\_Target\_Temper =70

<info> uart\_modul: [ UART SNED ] set\_air\_conditioner\_OnOff: set\_cmd =1

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x8A

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rxover OK

//设置空调开关机状态

<info> uart\_modul: [ UART SNED ] set\_air\_conditioner\_OnOff: set\_cmd =1

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x8A

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rxover OK

//设置空调开关机状态（重复）

<info> uart\_modul: [ UART SNED ] set\_air\_conditioner\_OnOff: set\_cmd =1

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x8A

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rxover OK

//设置空调开关机状态（重复）

<info> uart\_modul: [ UART SNED ] set\_air\_conditioner\_OnOff: set\_cmd =1

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

//回复APP消息set response

<info> send\_app: 5A 53 01 FB 2F 66 B3 38|ZS../f.8

<info> send\_app: E3 F2 BF 64 E2 CC 2D 00|...d..-.

<info> send\_app: 01 00 6F 48 |..oH

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x8A

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0C 00 01 8A 00|........

<info> serial: rxover OK

//设置空调温度为7度

<info> uart\_modul: [ UART SNED ] uart\_send\_set\_air\_conditioner\_temper: set\_cmd =700

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x10AB

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rxover OK

//设置空调温度为7度（重复）

<info> uart\_modul: [ UART SNED ] uart\_send\_set\_air\_conditioner\_temper: set\_cmd =700

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x10AB

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rxover OK

//设置空调温度为7度（重复）

<info> uart\_modul: [ UART SNED ] uart\_send\_set\_air\_conditioner\_temper: set\_cmd =700

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x10AB

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rxover OK

//设置空调温度为7度（重复）

<info> uart\_modul: [ UART SNED ] uart\_send\_set\_air\_conditioner\_temper: set\_cmd =700

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

//第2次回复APP消息set response（重复）

<info> send\_app: 5A 53 01 FB 2F 66 B3 38|ZS../f.8

<info> send\_app: E3 F2 BF 64 E2 CC 37 00|...d..7.

<info> send\_app: 01 00 77 4F |..wO

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x10AB

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 06 00 0A 02 BC AB 10|........

<info> serial: rxover OK

//读空调状态

<info> uart\_modul: [ UART SNED ] read\_air\_conditioner\_state:

<info> uart\_modul: 18 03 00 0C 00 01 46 00|......F.

<info> serial: rx data start

<info> cst\_data: uart\_receive\_handler crc16=0x4664

<info> uart\_modul: [UART REVICE] air\_conditioner rev cmd data:

<info> uart\_modul: 18 03 02 00 01 64 46 |.....dF

<info> uart\_modul: [UART REVICE] read air\_condi CMD : m\_cur\_read\_cmd =5 Pwr\_on =1 AirConditi\_Target\_Temper=70 MeasuredTemper

=287

<info> serial: rxover OK

# 2，蓝牙板回复的时间戳时间不正确

开机后第一次第一次回复的时间基本是正确的，后续回复的时间看起来像是没有更新小时、分钟和秒数，只更新了豪秒数。可以简单点处理：每次收到来自APP的信息后更新下本地存储的时间戳，稍微加个固定的时间比如1秒返回即可，这个不重要但客户的APP上会显示返回的时间，现在时间错的比较明显。