**1、ssdk-stack 生成Qos使用的库。**

在ssdk-stack最新代码master分支上，添加Qos需要库修改的地方，详情看patch\_QosGenerateLib。

添加完相关修改后，编译Qos 0.7.1版本的Node和Dongle库‘zigbeestack-protocol.a’。

**a. Node**

qinfei@DESKTOP-8SUO28M MINGW32 /c/qinfei/source/Qos/workspace/ssdk-master/ssdk-stack/Platform (cwp-br-QosGenerateLib)

$ scons.py --variant=c4mnode --wstack=combo-22 --build=release --device=node

Archiving BuildResult\IAR\c4mnode\_release\core-stack\combo\combo-22\protocol\node\zigbeestack-protocol.a

**b. Dongle**

qinfei@DESKTOP-8SUO28M MINGW32 /c/qinfei/source/Qos/workspace/ssdk-master/ssdk-stack/Platform (cwp-br-QosGenerateLib)

$ scons.py --variant=c4mnode --wstack=combo-22 --build=release --device=dongle

Archiving BuildResult\IAR\c4mnode\_release\core-stack\combo\combo-22\protocol\dongle\zigbeestack-protocol.a

//git commit message

store network creator channel mask and steering channel mask, add conAssociateDone message when the node joined the network.

In the ssdk-stack source code, generate the library(zigbeestack-protocol.a) required by Qos Node.

**2、ssdk-node 同步Qos-Dongle相关的代码。**

在ssdk-node将Dongle相关的代码同步到Qos-Node-Firmware分支上，详情看patch\_QosNodeAddDongle。

远程分支remotes/origin/Qos-Node-Firmware 保存最新的Qos相关代码，最新在0.7.1版本上修改。

将ssdk-stack生成的库拷贝到ssdk-node相应的代码路径下，如下：

C:\qinfei\source\Qos\ssdk-node\ssdk-node\Platform\core-stack\combo\combo-22\protocol\lib\node\zigbeestack-protocol.a

C:\qinfei\source\Qos\ssdk-node\ssdk-node\Platform\core-stack\combo\combo-22\protocol\lib\dongle\zigbeestack-protocol.a

**3、ssdk-node 生成Qos使用的hex文件。**

a、ssdk-node 生成Node的hex文件。

编译生成hex文件。

$ scons.py --variant=cwp --wstack=combo-22 --build=release --device=node

编译生成不带NFC的hex文件(新硬件)。

$ scons.py --variant=cwp --wstack=combo-22 --build=release --device=node --haseeprom=false

b、ssdk-node 生成Node的Dongle的hex文件。

$ scons.py --variant=cwp --wstack=combo-22 --build=release --device=dongle

**4、ssdk-node分支Qos-Node-Firmware分支修改记录。**

远程分支remotes/origin/Qos-Node-Firmware 保存最新的Qos相关代码，最新在0.7.1版本上修改。

qinfei@DESKTOP-8SUO28M MINGW32 /c/qinfei/source/Qos/ssdk-node/ssdk-node (Qos-Node-Firmware)

$ git log

commit a53e5d2b30d3b35314c3208ccd8d37386cedb3b4 (HEAD -> Qos-Node-Firmware)

Author: VincentQin <vincent.qin\_1@signify.com>

Date: Fri Jan 25 20:39:22 2019 +0800

add starting coordinator command for testbed framework.

stroy network creator channel mask.

fix: the printing of the response of network creating command.

It's without endpoint for the dongle to send permitting joining request.

use the network creator primary channel mask when dumping the device

information.

remove dongle startup ready function for the ready response and adp

received device announce response.

add the ready response for dongle.

add adp received device announce response for dongle.

enable print function for dongle.

add zcl command confirm response for dongle.

change route rable size to 250 for cwp nodes of commbo-22 stack.

commit f4185d157b2bf91fa132faff82f6c96698ef8f60 (origin/Qos-Node-Firmware)

Merge: 2bf24fda afb9dc0a

Author: VincentQin <vincent.qin\_1@signify.com>

Date: Sat Dec 29 09:58:45 2018 +0800

Merge branch 'master' into qos\_v0.6.2

Updata the Qos framework from Version0.6.2 to Version0.7.1, and this

version solved the network auto leave problem.

Updata the Qos framework from Version0.6.2 to Version0.7.1, and this

version solved the network auto leave problem.