需求11.06

1、UI增加RRU类型选择：(FZHJ/FZHJ-b/FZHI) /其它

2、FZHJ/FZHJ-b/FZHI 我们已经实现，就是用telnet 192.168.253.196 2323的方法用sfp –i 0的方法取，我们已经实现功能

3、其它RRU方法如下：（FSMF和FSIH有区别）

FSMF:

直接SSH到FCT 192.168.255.1 端口15001

cd /flash 转到flash文件夹

cp -f sfp\_tool.tar / 剪切文件 (-f强制覆盖) mv -f sfp\_tool.tar ../

cd .. 回到上层文件夹

tar xvf sfp\_tool.tar 解压缩文件

chmod +x sfp\_tool 修改权限

./sfp\_tool –v 读取SFP信息

FSIH:

SSH到FCT 192.168.255.1端口15001 后再ssh toor4nsn@192.168.253.18 端口22 密码 oZPS0POrRieRtu

（这里要注意：最多有3块FBIHFSP，地址分别为.18/.19/.20 要分别查询）

FBIH1 /FBBA1 (192.168.253.19) FBIH2 /FBBA2 (192.168.253.20)

root@FSPM1:~ >cd /flash

root@FSPM1:/flash >cp -f sfp\_tool.tar /

root@FSPM1:/flash >cd ..

root@FSPM1:/ >tar xvf sfp\_tool.tar

sfp\_tool

root@FSPM1:/ >chmod +x sfp\_tool

root@FSPM1:/ >./sfp\_tool -v

返回 到 FCT用exit

**下面是查询结果：只有sfp\_0 、sfp\_1有数据**

 list = Not listing devices

 interface = NOT\_DEFINED

 info = No

 poll = No

 poll period = -1

 hotplug = No

 rx\_los = No

 mod\_abs = No

 tx\_fault = No

 scan = No

 diagnose = Yes

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We are running on CONFIG\_FCT board

Scanning all existing SFPs

DDAL\_SFP\_0 -> Present, info:

 Vendor: WTD -----------------供应商名称

 Part number: RTXM228-618

 Revision: 1.0 `

鄨

 Serial: FR134902558 --------------------------供应商序列号

 Connector: 7

 Bitrate: 61 --------光口速率6100

 Bitrate (Upper): 5

 Bitrate (Lower): 5

 Wavelength: 1310 ---波长

 Compliance Code: 3

 Temperature = 39.164062, coherency = 0

 Input power = 0.367300, coherency = 0

 Input power in dbm = -4.349791

 Output power = 0.579600, coherency = 0

 Output power in dbm = -2.368716

 Voltage = 3.324600, coherency = 0

 Current = 36.234001, coherency = 0

DDAL\_SFP\_1 -> Present, info:

 Vendor: WTD

 Part number: RTXM228-618

 Revision: 1.0 `

鄨

 Serial: FR130303767

 Connector: 7

 Bitrate: 61

 Bitrate (Upper): 5

 Bitrate (Lower): 5

 Wavelength: 1310

 Compliance Code: 3

 Temperature = 39.164062, coherency = 0

 Input power = 0.667500, coherency = 0

 Input power in dbm = -1.755488

 Output power = 0.554800, coherency = 0

 Output power in dbm = -2.558636

 Voltage = 3.354100, coherency = 0

 Current = 40.194000, coherency = 0

DDAL\_SFP\_2 -> Not present

DDAL\_SFP\_3 -> Not present

DDAL\_SFP\_4 -> Not present

DDAL\_SFP\_5 -> Not present

DDAL\_SFP\_6 -> Not present

DDAL\_SFP\_7 -> Not present

DDAL\_SFP\_8 -> Not present

DDAL\_SFP\_9 -> Not present

DDAL\_SFP\_10 -> Not present

DDAL\_SFP\_11 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_RADIO\_IF\_1 -> Present, info:

 Vendor: WTD 供应商

 Part number: RTXM228-618

 Revision: 1.0 `

鄨

 Serial: FR134902558 供应商序列号

 Connector: 7

 Bitrate: 61 --光口速率

 Bitrate (Upper): 5

 Bitrate (Lower): 5

 Wavelength: 1310 --波长

 Compliance Code: 3

 Temperature = 39.328125, coherency = 0 --温度

 Input power = 0.367300, coherency = 0 --输入功率

 Input power in dbm = -4.349791

 Output power = 0.579600, coherency = 0 --输出功率

 Output power in dbm = -2.368716

 Voltage = 3.324600, coherency = 0

 Current = 36.036003, coherency = 0

DDAL\_SFP\_DEV\_LOCAL\_RADIO\_IF\_2 -> Present, info:

 Vendor: WTD

 Part number: RTXM228-618

 Revision: 1.0 `

鄨

 Serial: FR130303767

 Connector: 7

 Bitrate: 61

 Bitrate (Upper): 5

 Bitrate (Lower): 5

 Wavelength: 1310

 Compliance Code: 3

 Temperature = 39.164062, coherency = 0

 Input power = 0.667500, coherency = 0

 Input power in dbm = -1.755488

 Output power = 0.552900, coherency = 0

 Output power in dbm = -2.573534

 Voltage = 3.354100, coherency = 0

 Current = 40.194000, coherency = 0

DDAL\_SFP\_DEV\_LOCAL\_RADIO\_IF\_3 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_RADIO\_IF\_4 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_RADIO\_IF\_5 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_SHARED\_1 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_SRIO\_1 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_SRIO\_2 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_TRS\_1 -> Not present

DDAL\_SFP\_DEV\_LOCAL\_TRS\_2 -> Not present

DDAL\_SFP\_DEV\_FSP\_1\_SRIO\_1 -> Not present

DDAL\_SFP\_DEV\_FSP\_1\_SRIO\_2 -> Not present

DDAL\_SFP\_DEV\_FSP\_2\_SRIO\_1 -> Not present

DDAL\_SFP\_DEV\_FSP\_3\_SRIO\_1 -> Not present

DDAL\_SFP\_DEV\_FSP\_2\_SRIO\_2 -> Not present

DDAL\_SFP\_DEV\_FSP\_3\_SRIO\_2 -> Not present

DDAL\_SFP\_DEV\_FSP\_2\_RADIO\_IF\_1 -> Not present

DDAL\_SFP\_DEV\_FSP\_3\_RADIO\_IF\_1 -> Not present

DDAL\_SFP\_DEV\_FTM\_TRS\_1 -> Not present

DDAL\_SFP\_DEV\_FTM\_TRS\_2 -> Not present

DDAL\_SFP\_DEV\_FTM\_SRIO\_1 -> Not present

root@FSPM1:/ >

 4.增加一个界面显示拓扑图（先不详细到节点映射，只要显示BBU-RRU是否同步即可，就像下面的图，忽略节点），方法如下：

IP?

(192.168.255.1 )

FSMF在FCT下执行，FSIH在FSP下执行，跟以前一样

(

登陆的步骤:

)

cat /sys/class/flexi/rp3\_01\_link0/rx\_sm/state

0x3  备注：查询RX帧状态，0x3表示RX帧同步（BBU-RRU用绿线连接），0x0表示RX帧失步（BBU-RRU用红线连接）

cat /sys/class/flexi/rp3\_01\_link0/rx\_lcv/err\_cnt

0x0 备注：查询当前误码，0x0表示没有误码，其它值表示存在误码

cat /sys/class/flexi/rp3\_01\_link0/rx\_lcv/err\_cnt\_tot

0x90ffc52d 备注：查询总误码

DDAL\_SFP\_0