sns\_smgr\_process\_reg\_ssi\_config

SMGR\_STATIC void sns\_smgr\_process\_reg\_ssi\_config(

sns\_smgr\_RegItemType\_e item\_type,

uint16\_t item\_id,

uint32\_t item\_len,

uint8\_t\* data\_ptr,

sns\_common\_resp\_s\_v01 sns\_resp)

{

sns\_reg\_ssi\_smgr\_cfg\_group\_s\* cfg\_group\_ptr = (sns\_reg\_ssi\_smgr\_cfg\_group\_s\*)data\_ptr;

static bool valid\_cfg = false;

//获取SSI CFG ID

if( item\_id == 0 )

{

item\_id = sns\_smgr.last\_received\_reg\_group\_id;

}

cfg\_idx = sns\_smgr\_ssi\_get\_cfg\_idx(item\_id);

//如果QMI通信出错的处理

if(sns\_resp.sns\_err\_t != SENSOR1\_SUCCESS)

{

cfg\_idx = sns\_smgr\_ssi\_get\_cfg\_idx(sns\_smgr.last\_received\_reg\_group\_id);

if ( sns\_smgr\_ssi\_is\_last\_cfg(sns\_smgr.last\_received\_reg\_group\_id) )

{

SNS\_SMGR\_PRINTF0(LOW, "ssi: Setting init state to ALL\_INIT\_CONFIGURED");

sns\_smgr.all\_init\_state = SENSOR\_ALL\_INIT\_CONFIGURED;

}

}

}

//如果QMI通信ok

/\* Only use the configuration if the major version is 1.

Otherwise autodetect sensors \*/

else if ( (cfg\_group\_ptr->maj\_ver\_no != 1) && !valid\_cfg )

{//做自动检测

sns\_smgr.all\_init\_state = SENSOR\_ALL\_INIT\_WAITING\_AUTODETECT;

curr\_id = SNS\_SMGR\_SSI\_GET\_FIRST\_DEVINFO\_ID();

(void) sns\_smgr\_req\_reg\_data(curr\_id, SNS\_SMGR\_REG\_ITEM\_TYPE\_GROUP);

do

{

curr\_id = (uint16\_t) sns\_smgr\_ssi\_get\_next\_devinfo\_id(curr\_id);

(void) sns\_smgr\_req\_reg\_data(curr\_id, SNS\_SMGR\_REG\_ITEM\_TYPE\_GROUP);

} while( ! SNS\_SMGR\_SSI\_IS\_LAST\_DEVINFO(curr\_id) );

}

// else (no auto-detect)version is 1时使用配置文件

else

{

sns\_hw\_update\_ssi\_reg\_items(item\_id, data\_ptr);

}

==========================

从devinfo中导出配置文件：

sns\_smgr\_populate\_cfg\_from\_devinfo

从ssi中导出配置信息：

sns\_smgr\_populate\_ssi\_cfg\_from\_smgr\_cfg

接受register数据：

sns\_smgr\_process\_reg\_data

请求更新配置数据：

sns\_smgr\_update\_reg\_data

//This function requests data from registry 请求registry的数据

sns\_smgr\_req\_reg\_data

//Receive registry data. Find where it was requested and apply it.

sns\_smgr\_process\_reg\_data

//@brief Process an SSI SMGR Config registry group.

sns\_smgr\_process\_reg\_ssi\_config