/\*

\* File: FS\_SubHSM.h

\* Author: Brian Naranjo

\* Date: 11/13/19

\*

\*/

#ifndef FS\_SubHSM\_H // <- This should be changed to your own guard on both

#define FS\_SubHSM\_H // of these lines

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* PUBLIC #INCLUDES \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

#include "ES\_Configure.h" // defines ES\_Event, INIT\_EVENT, ENTRY\_EVENT, and EXIT\_EVENT

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* PUBLIC FUNCTIONS \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*\*

\* @Function InitFS\_SubHSM(uint8\_t Priority)

\* @param Priority - internal variable to track which event queue to use

\* @return TRUE or FALSE

\* @brief This will get called by the framework at the beginning of the code

\* execution. It will post an ES\_INIT event to the appropriate event

\* queue, which will be handled inside RunFS\_SubHSM function.

\* Returns TRUE if successful, FALSE otherwise

\* @author J. Edward Carryer, 2011.10.23 19:25

\* @editor Brian Naranjo, 11/13/19 \*/

uint8\_t InitFS\_SubHSM(uint8\_t Priority);

/\*\*

\* @Function PostFS\_SubHSM(ES\_Event ThisEvent)

\* @param ThisEvent - the event (type and param) to be posted to queue

\* @return TRUE or FALSE

\* @brief This function is a wrapper to the queue posting function, and its name

\* will be used inside ES\_Configure to point to which queue events should

\* be posted to. Remember to rename to something appropriate.

\* Returns TRUE if successful, FALSE otherwise

\* @author J. Edward Carryer, 2011.10.23 19:25

\* @editor Brian Naranjo, 11/13/19 \*/

uint8\_t PostFS\_SubHSM(ES\_Event ThisEvent);

/\*\*

\* @Function RunFS\_SubHSM(ES\_Event ThisEvent)

\* @param ThisEvent - the event (type and param) to be responded.

\* @return Event - return event (type and param), in general should be ES\_NO\_EVENT

\* @brief This function is where you implement the whole of the service,

\* as this is called any time a new event is passed to the event queue.

\* @note Returns ES\_NO\_EVENT if the event have been "consumed."

\* @author J. Edward Carryer, 2011.10.23 19:25

\* @editor Brian Naranjo, 11/13/19 \*/

ES\_Event RunFS\_SubHSM(ES\_Event ThisEvent);

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* PRIVATE FUNCTIONs \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/