

```
/******  
  
Header file for Pltfrm Flat Sate Machine  
based on the Gen2 Events and Services Framework  
  
*****/  
  
#ifndef SignalService_H  
#define SignalService_H  
  
// Event Definitions  
#include "ES_Configure.h"  
#include "ES_Types.h"  
  
// typedefs for the states  
// State definitions for use with the query function  
typedef enum {WaitForSignalCommand,SigOn,SigOff,WaitForNextBall} SignalServiceState_t ;  
  
// Public Function Prototypes  
  
boolean InitSignalService ( uint8_t Priority );  
boolean PostSignalService( ES_Event ThisEvent );  
ES_Event RunSignalService( ES_Event ThisEvent );  
SignalServiceState_t QuerySignalService ( void );  
  
#endif /* FSMTemplate_H */
```