

```
/******  
  
Header file for template service  
based on the Gen 2 Events and Services Framework  
  
*****/  
  
#ifndef CelebService  
#define CelebService  
  
#include <stdint.h>  
#include <stdbool.h>  
  
#include "ES_Events.h"  
  
typedef enum { CS_Inactivity, Bobbing} CelebServiceState_t;  
  
// Public Function Prototypes  
  
bool InitCelebService(uint8_t Priority);  
bool PostCelebService(ES_Event_t ThisEvent);  
ES_Event_t RunCelebService(ES_Event_t ThisEvent);  
  
#endif /* CelebService_H */
```