

```
/******  
  
Header file for WaterService  
based on the Gen 2 Events and Services Framework  
  
*****/  
  
#ifndef WaterService_H  
#define WaterService_H  
  
#include "ES_Configure.h"  
#include "ES_Types.h"  
#include "ES_Configure.h"  
#include "ES_Framework.h"  
  
// Public Function Prototypes  
bool InitWaterService(uint8_t Priority);  
bool PostWaterService(ES_Event_t ThisEvent);  
ES_Event_t RunWaterService(ES_Event_t ThisEvent);  
bool Check4IRRIse(void);  
  
typedef enum { W_Inactivity, Wait4IR, Buzzing, FlashWait } WaterService_t;  
  
#endif /* WaterService_H */
```