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SIGINT\_Handler.h

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```
1  #ifndef SIGINT_HANDLER_H_
2  #define SIGINT_HANDLER_H_
3
4  #include <signal.h>
5  #include <assert.h>
6
7  #include "EventHandler.h"
8
9  class SIGINT_Handler : public EventHandler {
10
11 private:
12     sig_atomic_t gracefulQuit;
13
14 public:
15
16     SIGINT_Handler() : gracefulQuit(0) {
17     }
18
19     ~SIGINT_Handler() {
20     }
21
22     virtual int handleSignal(int signum) {
23         assert (signum == SIGINT);
24         this->gracefulQuit = 1;
25         return 0;
26     }
27
28     sig_atomic_t getGracefulQuit() const {
29         return this->gracefulQuit;
30     }
31
32 };
33
34 #endif /* SIGINT_HANDLER_H_ */
```