

file PluginEvent.h

PluginEvent.h

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1 /*****\
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3
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11
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13 \*****/
14
15 #pragma once
16 #ifndef H_FB_PLUGINEVENT
17 #define H_FB_PLUGINEVENT
18
19 #include <string>
20 #include <map>
21 #include <stdexcept>
22 #include <boost/cast.hpp>
23 #include "APITypes.h"
24
25 namespace FB {
26
27     class PluginEvent
28     {
29     public:
30         PluginEvent() { };
31         virtual ~PluginEvent() { };
32
33     public:
34
35     template<class T>
36     T* get()
37     {
38         return boost::polymorphic_cast<T*>(this);
39     }
40
41     template<class T>
42     bool validType()
43     {
44         T* out(dynamic_cast<T*>(this));
45         return out != NULL;
46     }
47 };
48
49 #endif
50
51 FB::PluginEvent::validType
52 bool validType()
53 Returns true if the object can be cast to the specified type.
54 Definition: PluginEvent.h:73
55 FB::PluginEvent
56 Plugin event base class.
57 Definition: PluginEvent.h:36
```