

class FB DefaultBrowserStreamHandler

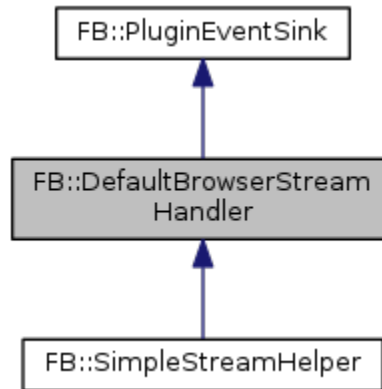
FB::DefaultBrowserStreamHandler Class Reference

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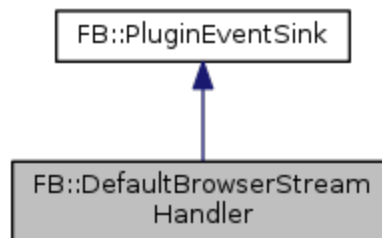
Simple implementation of a stream event handler from which you can derive your own stream events handler. [More...](#)

```
#include "DefaultBrowserStreamHandler.h"
```

Inheritance diagram for FB::DefaultBrowserStreamHandler:



Collaboration diagram for FB::DefaultBrowserStreamHandler:



Public Member Functions

`DefaultBrowserStreamHandler` ()
Default constructor. [More...](#)

virtual `~DefaultBrowserStreamHandler` ()
Destructor. [More...](#)

virtual bool `onStreamAttached` (FB::AttachedEvent *evt, FB::BrowserStream *Stream)
Called when the stream is attached to this handler (may have already been created). [More...](#)

virtual bool `onStreamDetached` (FB::DetachedEvent *evt, FB::BrowserStream *Stream)
Called when the stream is detached from this handler (may not have been destroyed). [More...](#)

virtual bool `onStreamCreated` (FB::StreamCreatedEvent *evt, FB::BrowserStream *Stream)
Called when the stream was created. [More...](#)

virtual bool `onStreamDestroyed` (FB::StreamDestroyedEvent *evt, FB::BrowserStream *)
Called when the stream is destroyed. [More...](#)

virtual bool `onStreamDataArrived` (FB::StreamDataArrivedEvent *evt, FB::BrowserStream *)
Called when data arrives. [More...](#)

virtual bool `onStreamFailedOpen` (FB::StreamFailedOpenEvent *evt, FB::BrowserStream *)
Called when the stream failed to open. [More...](#)

virtual bool `onStreamOpened` (FB::StreamOpenedEvent *evt, FB::BrowserStream *)
Called when the stream was opened successfully. [More...](#)

virtual bool `onStreamCompleted` (FB::StreamCompletedEvent *evt, FB::BrowserStream *)
Called when the stream finished downloading successfully. [More...](#)

virtual const
FB::BrowserStreamPtr & **getStream** () const
Call to get the stream associated with this handler. Returns empty shared_ptr if none. [More...](#)

virtual bool **cancel** ()
Cancels the stream. [More...](#)

► Public Member Functions inherited from **FB::PluginEventSink**

virtual bool **HandleEvent** (**PluginEvent** *event, **PluginEventSource** *source)=0
Called by the browser when a system event needs to be handled, such as a mouse event, a keyboard event, or a drawing event. [More...](#)

Protected Member Functions

virtual void **setStream** (const FB::BrowserStreamPtr &stream)
Call to set the stream associated with this handler. [More...](#)

virtual void **clearStream** ()
Call to clear the stream associated with this handler. [More...](#)

Protected Attributes

BrowserStreamPtr **stream**
stream instance, don't use yourself [More...](#)

Detailed Description

Simple implementation of a stream event handler from which you can derive your own stream events handler.

This class is a convenience implementation of an event handler for the stream events generated by **BrowserStream**. You can derive your own stream event handler class from this class and override only the onStream* methods you'll need. Then attach instances of your custom class to a **BrowserStream** instance.

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Definition at line 36 of file **DefaultBrowserStreamHandler.h**.

The documentation for this class was generated from the following files:

- **DefaultBrowserStreamHandler.h**
- **DefaultBrowserStreamHandler.cpp**