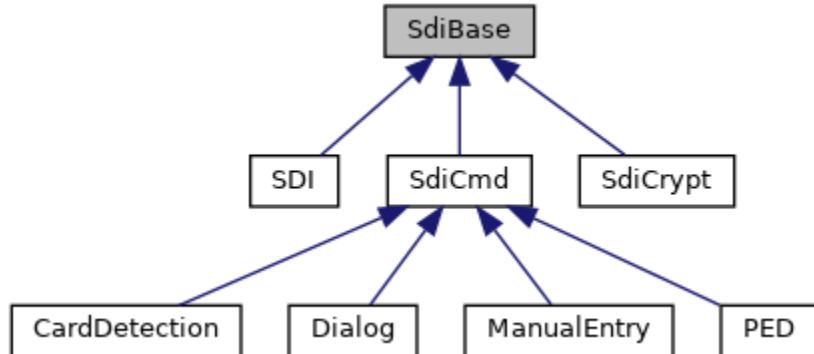


SdiBase Class Reference

```
#include <sdi_if.h>
```

Inheritance diagram for SdiBase:



[\[legend\]](#)

Data Structures

struct	PluginResult
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Public Member Functions

	SdiBase ()
enum SDI_SW12	getSdiSw12 ()
int	getAdditionalResultValue () Access Additional Result Value if returned in SDI response. More...
SDICLIENT_ERROR	getClientError () Access client side error codes. More...
enum SDI_SW12	receiveSW12 () Receive SDI server response with no data. More...
void	clear () clear result data obtained from SDI communication More...
void	importResults (const SdiBase &intermediate)

set result data obtained from intermediate SDI communication
[More...](#)

Protected Member Functions

void	setSdiSw12 (enum SDI_SW12 s)
void	setClientError (int libsdiprotocol_result)

Protected Attributes

unsigned short	sw12
int	additionalResultValue
SDICLIENT_ERROR	clientErr

Detailed Description

common base holding SDI messages, the result Status Word and the Additional result value if applicable

Data Structure Documentation

◆ [libsdi::SdiBase::PluginResult](#)

struct libsdi::SdiBase::PluginResult

Data Fields

<code>int32_t</code>	<code>pluginId</code>	return value of a plugin's <code>moduleID</code> function also used as INS byte of SDI 26-xx command to invoke a plugin, 0 if not available
<code>int32_t</code>	<code>responseCode</code>	plugin's <code>processTrigger</code> function return value, SDI_SW12_NONE if not available
<code>vector< unsigned char ></code>	<code>responseData</code>	plugin response data

Constructor & Destructor Documentation

◆ **SdiBase()**

SdiBase	()	inline
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Member Function Documentation

◆ **clear()**

void clear	()	inline
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clear result data obtained from SDI communication

◆ **getAdditionalResultValue()**

int getAdditio nalResultV alue	()	inline
---	---	--	---	--------

Access Additional Result Value if returned in SDI response.

Returns

additionalResultValue error code of the invoked component

◆ **getClientError()**

<u>SDICLIENT</u> <u>_ERROR</u> getClientE rror	()	inline
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Access client side error codes.

Returns

clientErr error code of this component, valid when SDI command was not executed

◆ **getSdiSw12()**

enum SDI_SW12	()	
getSdiSw12					

◆ **importResults()**

void	(const	<i>intermediate</i>)	inline
importR		SdiBase	&		

set result data obtained from intermediate SDI communication

◆ **receiveSW12()**

enum SDI_SW12	()	
receiveSW12					

Receive SDI server response with no data.

To be called when data available callback was invoked and the command was

- `sendWaitCardRemoval()`
- `startPinInput()`
- ...

Returns

return SW12

◆ **setClientError()**

void	(int	<i>libsdiptocol_re</i>)	protected
setClien			<i>tError</i>		

Setter for client error originating from libsdiprotofunction function. Any negative value is an error code and goes to attribute clientErr. Any positive value will reset attribute clientErr.

Parameters

[in]

libsdiprotocol_result

return value from libsdiprotocol function

◆ [setSdiSw12\(\)](#)

void	(enum	s)	inlineprotected
setSdiS		SDI_SW			
w12		12			

Field Documentation

◆ [additionalResultValue](#)

int additionalResultValue	protected
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◆ [clientErr](#)

SDICLIENT_ERROR clientErr	protected
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◆ [sw12](#)

unsigned short sw12	protected
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The documentation for this class was generated from the following file:

- [sdiclient/client/sdi_if.h](#)