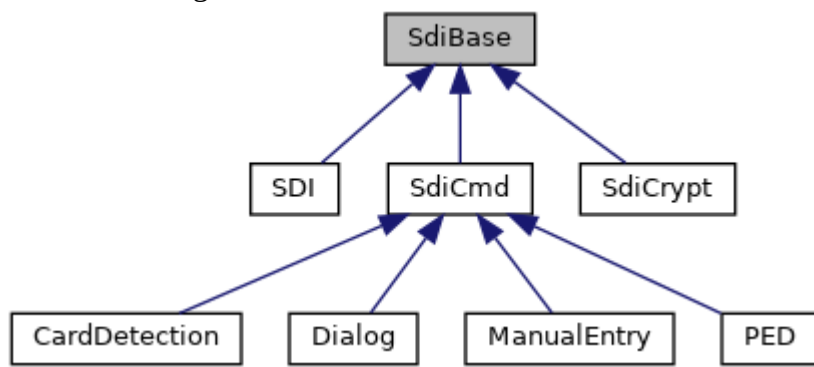


## SdiBase Class Reference

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

Inheritance diagram for SdiBase:



[\[legend\]](#)

## Data Structures

struct [PluginResult](#)

## Public Member Functions

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
|                                 | <a href="#">SdiBase</a> ()                                                          |
| enum <a href="#">SDI_SW12</a>   | <a href="#">getSdiSw12</a> ()                                                       |
| int                             | <a href="#">getAdditionalResultValue</a> ()                                         |
|                                 | Access Additional Result Value if returned in SDI response. <a href="#">More...</a> |
| <a href="#">SDICLIENT_ERROR</a> | <a href="#">getClientError</a> ()                                                   |
|                                 | Access client side error codes. <a href="#">More...</a>                             |
| enum <a href="#">SDI_SW12</a>   | <a href="#">receiveSW12</a> ()                                                      |
|                                 | Receive SDI server response with no data. <a href="#">More...</a>                   |
| void                            | <a href="#">clear</a> ()                                                            |
|                                 | clear result data obtained from SDI communication <a href="#">More...</a>           |
| void                            | <a href="#">importResults</a> (const <a href="#">SdiBase</a> &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

### ? [libsdiprotocol::SdiBase::PluginResult](#)

struct libsdiprotocol::SdiBase::PluginResult

#### Data Fields

|                         |              |                                                                                                                                             |
|-------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| int32_t                 | pluginId     | 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 |
| int32_t                 | responseCode | plugin's <code>processTrigger</code> function return value, <a href="#">SDI_SW12_NONE</a> if not available                                  |
| vector< unsigned char > | responseData | plugin response data                                                                                                                        |

## Constructor & Destructor Documentation

### ? [SdiBase\(\)](#)

[SdiBase](#) ( ) inline

## Member Function Documentation

### [?](#) **clear()**

void clear ( ) inline

clear result data obtained from SDI communication

### [?](#) **getAdditionalResultValue()**

int getAdditionalResultValue ( ) inline

Access Additional Result Value if returned in SDI response.

Returns

additionalResultValue error code of the invoked component

### [?](#) **getClientError()**

[SDICLIENT\\_ERROR](#) getClientError ( ) inline

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 importResults ( const [SdiBase](#) & *intermediate* ) inline

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 setClientError ( int *libsdiprotocol\_result* ) protected

Setter for client error originating from libsdiprotocol 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 setSdiSw12 ( enum [SDI\\_SW12](#) s ) inlineprotected

## **Field Documentation**

### [?](#) **additionalResultValue**

int additionalResultValue protected

### [?](#) **clientErr**

[SDICLIENT\\_ERROR](#) clientErr protected

### [?](#) **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](#)