

SofortLib

SofortLib-PHP-Payment-2.1.2

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Chapter 1

Class Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Chapter 2

Class Index

2.1 Class List

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Chapter 3

File Index

3.1 File List

Here is a list of all documented files with brief descriptions:

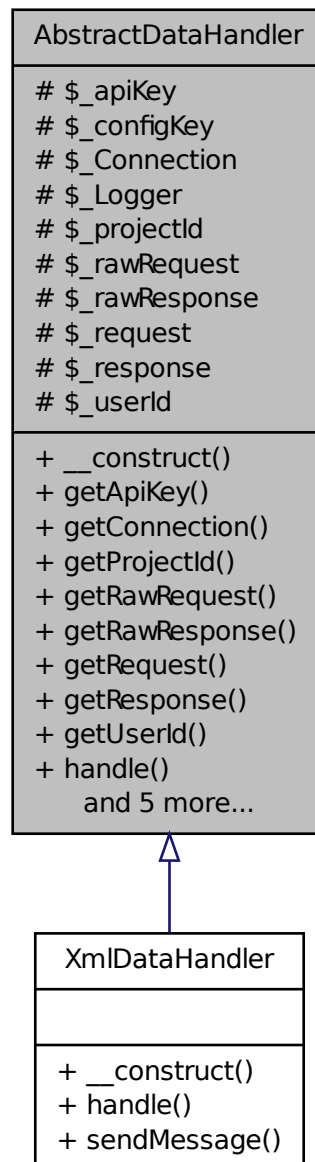
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Chapter 4

Class Documentation

4.1 AbstractDataHandler Class Reference

Inheritance diagram for AbstractDataHandler:



Public Member Functions

- [__construct](#) (\$configKey)
- [getApiKey](#) ()
- [getConnection](#) ()
- [getProjectId](#) ()
- [getRawRequest](#) ()
- [getRawResponse](#) ()
- [getRequest](#) ()
- [getResponse](#) ()
- [getUserId](#) ()
- [setApiKey](#) (\$apiKey)
- [setConfigKey](#) (\$configKey)
- [setConnection](#) (\$Connection)
- [setProjectId](#) (\$projectId)
- [setUserId](#) (\$userId)

4.1.1 Detailed Description

Abstract Data Handler

Handles the SofortLibs data-input and output. For the moment we only offer an XML-Handler, others (i.e. JSON) are possible too.

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

4.1.2 Constructor & Destructor Documentation

4.1.2.1 [__construct](#) (\$ configKey)

Constructor for [AbstractDataHandler](#)

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

Reimplemented in [XmlDataHandler](#).

References `setConfigKey()`.

4.1.3 Member Function Documentation**4.1.3.1 `getApiKey ()`**

Getter for the `ApiKey`

Returns

string

4.1.3.2 `getConnection ()`

Returns the connection, normally a http instance

Returns

Connection Object

Referenced by `XmlDataHandler\handle()`, and `XmlDataHandler\sendMessage()`.

4.1.3.3 `getProjectId ()`

Getter for the `ProjectId`

Returns

string

4.1.3.4 `getRawRequest ()`

Getter for the raw Request Data

Returns

string

4.1.3.5 getRawResponse ()

Getter for the raw Response Data

Returns

string

4.1.3.6 getRequest ()

Getter for the Request

Returns

mixed

4.1.3.7 getResponse ()

Getter for the Response

Returns

mixed

4.1.3.8 getUserId ()

Getter for the userId

Returns

string

4.1.3.9 setApiKey (\$apiKey)

Setter for the ApiKey

Parameters

string	<i>\$apiKey</i>	
--------	-----------------	--

Returns

[AbstractDataHandler](#) \$this

4.1.3.10 setConfigKey (\$ configKey)

Setting the configKey and extracting userId, projectId and apiKey from configKey

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

[AbstractDataHandler](#) \$this

Referenced by __construct().

4.1.3.11 setConnection (\$ Connection)

Setting the connection (standard: http instance) and the configkey

Parameters

string	<i>\$Connection</i>	
--------	---------------------	--

Returns

[AbstractDataHandler](#) \$this

4.1.3.12 setProjectId (\$ projectId)

Setter for the projectId

Parameters

string	<i>\$projectId</i>	
--------	--------------------	--

Returns

[AbstractDataHandler](#) \$this

4.1.3.13 setUserId (\$ userId)

Setter for the userId

Parameters

string	<i>\$userId</i>	
--------	-----------------	--

Returns

[AbstractDataHandler](#) \$this

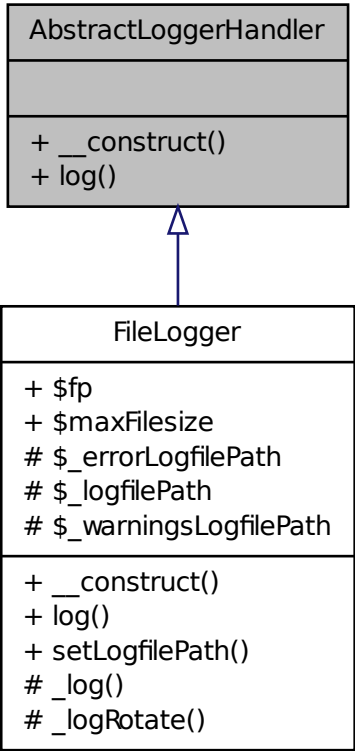
Referenced by SofortLibAbstract\setDataHandler().

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

- abstractDataHandler.php

4.2 AbstractLoggerHandler Class Reference

Inheritance diagram for AbstractLoggerHandler:



4.2.1 Detailed Description

Abstract Logger Handler

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

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

- `abstractLoggerHandler.php`

4.3 ArrayToXml Class Reference

Public Member Functions

- [__construct](#) (array \$input, \$maxDepth=10, \$trim=true)
- [toXml](#) (\$version= '1.0', \$encoding= 'UTF-8')

Static Public Member Functions

- static [render](#) (array \$input, array \$options=array())

4.3.1 Detailed Description

Array To XML conversion

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

4.3.2 Constructor & Destructor Documentation

4.3.2.1 `__construct (array $input, $maxDepth = 10, $trim = true)`

Loads array into XML representation.

Parameters

array	<i>\$input</i>	
int	<i>\$maxDepth</i>	(default 10)
bool	<i>\$trim</i>	(default true)

Exceptions

<i>ArrayToXml-Exception</i>	
---	--

Returns

4.3.3 Member Function Documentation

4.3.3.1 `static render (array $input, array $options = array()) [static]`

Static entry point. Options are:

- version: (default 1.0) version string to put in xml prolog
- encoding: (default UTF-8) use the specified encoding
- trim: (default true) Trim values
- depth: (default 10) Maximum depth to parse the given array, throws exception when exceeded

Parameters

array	<i>\$input</i>	the input array
array	<i>\$options</i>	set additional options to pass to XmlToArray

Exceptions

<i>ArrayToXml-Exception</i>

Returns

string

Referenced by XmlDataHandler\handle().

4.3.3.2 toXml (\$version = '1.0', \$encoding = 'UTF-8')

Returns parsed array as XML structure Pass both params as null to exclude prologue
<?xml version="version" encoding="encoding" ?>

Parameters

string	<i>\$version</i>	(default 1.0)
string	<i>\$encoding</i>	(default UTF-8)

Returns

string

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

- arrayToXml.php

4.4 ArrayToXmlException Class Reference**4.4.1 Detailed Description**

Array To XML Exception

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

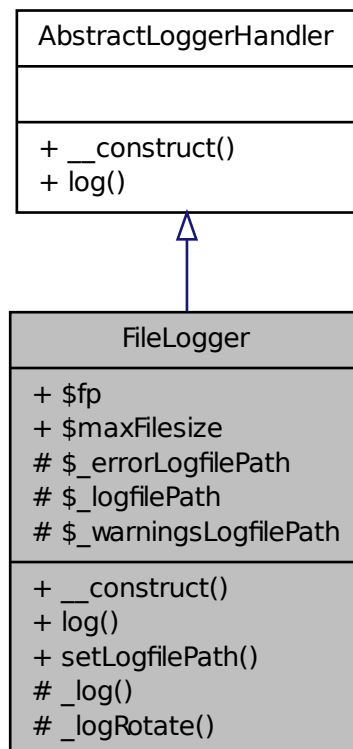
[official website](#)

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

- `arrayToXmlException.php`

4.5 FileLogger Class Reference

Inheritance diagram for FileLogger:



Public Member Functions

- `__construct` (\$path= "")

- [log](#) (\$message, \$log= 'log')
- [setLogfilePath](#) (\$path)

Public Attributes

- [\\$fp](#) = null
- [\\$maxFileSize](#) = 1048576

Protected Member Functions

- [_log](#) (\$message, \$log= 'log')
- [_logRotate](#) ()

Protected Attributes

- [\\$_errorLogfilePath](#) = false
- [\\$_logfilePath](#) = false
- [\\$_warningsLogfilePath](#) = false

4.5.1 Detailed Description

File logger

A basic implementation of logging mechanism intended for debugging

Author

SOFORT AG (integration@sofort.com)

Copyright

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Version

SofortLib 2.1.2

[official website](#)

4.5.2 Constructor & Destructor Documentation

4.5.2.1 `__construct ($ path = ' ')`

Constructor Setting the LogfilePaths

Parameters

string	<i>\$path</i>	
--------	---------------	--

4.5.3 Member Function Documentation

4.5.3.1 `_log ($ message, $ log = ' log')` [protected]

Logs \$msg to a file which path is being set by it's unified resource locator

Parameters

string	<i>\$message</i>	
string	<i>\$log</i>	(default = 'log')

Returns

bool

References `_logRotate()`.

Referenced by `log()`.

4.5.3.2 `_logRotate ()` [protected]

Copy the content of the logfile to a backup file if file size got too large Put the old log file into a tarball for later reference

Returns

bool

Referenced by `_log()`.

4.5.3.3 `log ($ message, $ log = ' log')`

Setting a log entry

Parameters

string	<i>\$message</i>	
string	<i>\$log</i>	(default = 'log')

Returns

bool

Reimplemented from [AbstractLoggerHandler](#).

References `_log()`.

4.5.3.4 setLogfilePath (\$ path)

Set the path of the logfile

Parameters

string	<i>\$path</i>	
--------	---------------	--

Returns

void

4.5.4 Member Data Documentation**4.5.4.1 string \$_errorLogfilePath = false [protected]**

Path to errors logfile

4.5.4.2 string \$_logfilepath = false [protected]

Path to Logfile

4.5.4.3 string \$_warningsLogfilePath = false [protected]

Path to warnings logfile

4.5.4.4 resource \$fp = null

File Handler

4.5.4.5 int \$maxFilesize = 1048576

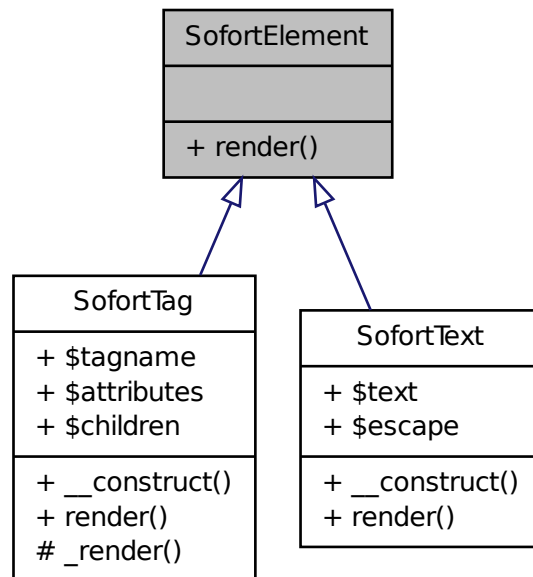
Maximum size of a log file in Bytes

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

- fileLogger.php

4.6 SofortElement Class Reference

Inheritance diagram for SofortElement:



Public Member Functions

- `render ()`

4.6.1 Detailed Description

Sofort Element

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#) [Implementation of a simple element](#)

4.6.2 Member Function Documentation**4.6.2.1 `render ()` [abstract]**

Render the element

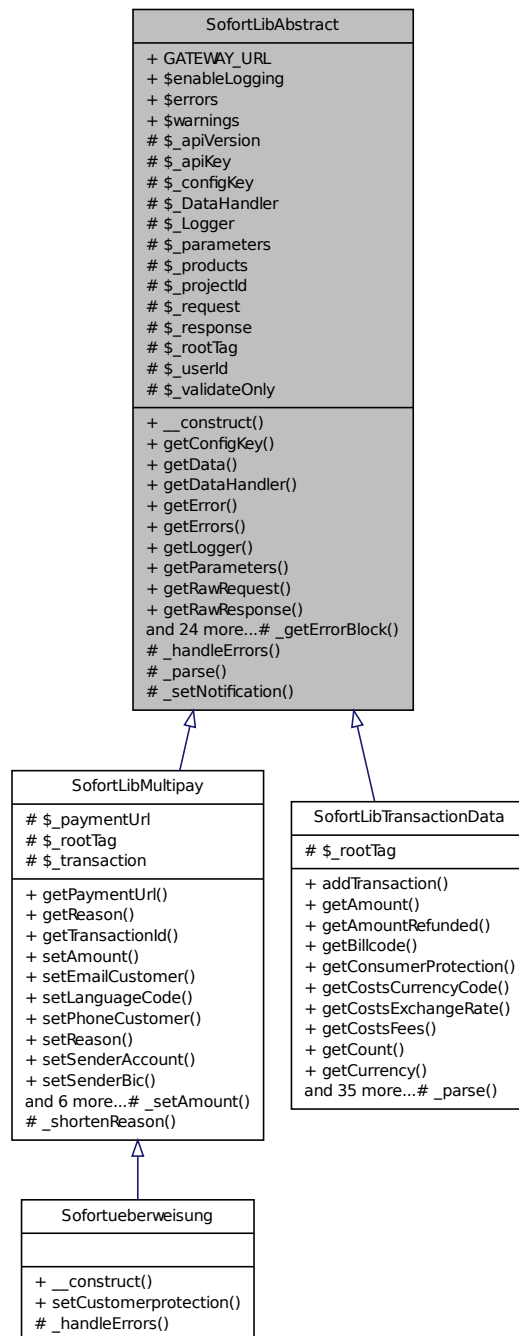
Reimplemented in [SofortTag](#), and [SofortText](#).

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

- `sofortElement.php`

4.7 SofortLibAbstract Class Reference

Inheritance diagram for SofortLibAbstract:



Public Member Functions

- [getConfigKey](#) ()
- [getData](#) ()
- [getDataHandler](#) ()
- [getError](#) (\$paymentMethod= 'all', \$message=array())
- [getErrors](#) (\$paymentMethod= 'all', \$message=array())
- [getLogger](#) ()
- [getParameters](#) ()
- [getRawRequest](#) ()
- [getRawResponse](#) ()
- [getRequest](#) ()
- [getResponse](#) ()
- [getWarnings](#) (\$paymentMethod= 'all', \$message=array())
- [handleErrors](#) (\$errors)
- [isError](#) (\$paymentMethod= 'all', \$message=array())
- [isWarning](#) (\$paymentMethod= 'all', \$message=array())
- [log](#) (\$message)
- [logError](#) (\$message)
- [logWarning](#) (\$message)
- [sendRequest](#) ()
- [setAbortUrl](#) (\$abortUrl)
- [setApiVersion](#) (\$apiVersion)
- [setConfigKey](#) (\$configKey)
- [setCurrencyCode](#) (\$currency)
- [setDataHandler](#) ([AbstractDataHandler](#) \$handler)
- [setError](#) (\$message, \$pos= 'global', \$errorCode= '-1', \$field= '')
- [setLogDisabled](#) ()
- [setLogEnabled](#) ()
- [setLogger](#) ([AbstractLoggerHandler](#) \$logger)
- [setNotificationEmail](#) (\$notificationAddress, \$notifyOn= '')
- [setNotificationUrl](#) (\$notificationAddress, \$notifyOn= '')
- [setParameters](#) (\$parameters)
- [setSuccessLinkRedirect](#) (\$arg)
- [setSuccessUrl](#) (\$successUrl, \$redirect=true)
- [setTimeoutUrl](#) (\$timeoutUrl)

Public Attributes

- `CONST` [GATEWAY_URL](#) = "https://api.sofort.com/api/xml"

Protected Member Functions

- [_getErrorBlock](#) (\$error)
- [_handleErrors](#) ()
- [_parse](#) ()
- [_setNotification](#) (\$notificationAddress, \$notificationType, \$notifyOn= '')

4.7.1 Detailed Description

Base class for SOFORT XML-API

This class implements basic http authentication and an xml-parser for parsing response messages

Requires libcurl and openssl

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

4.7.2 Member Function Documentation

4.7.2.1 `_getErrorBlock ($error)` [protected]

Getter for error block

Parameters

array	<i>\$error</i>	
-------	----------------	--

Returns

array

Referenced by `Sofortueberweisung_handleErrors()`, and `_handleErrors()`.

4.7.2.2 `_handleErrors ()` [protected]

Handle Errors and Warnings occurred

Returns

void

Reimplemented in [Sofortueberweisung](#).References [_getErrorBlock\(\)](#).Referenced by [sendRequest\(\)](#).**4.7.2.3** [_parse \(\)](#) [protected]

Parse data received or being sent

Reimplemented in [SofortLibTransactionData](#).Referenced by [sendRequest\(\)](#).**4.7.2.4** [_setNotification \(\\$ notificationAddress, \\$ notificationType, \\$ notifyOn = ' ' \)](#)
[protected]

Set the type of notification and the address where it should be sent to being sent to.

Parameters

string	<i>\$notification-Address</i>	email address or url
string	<i>\$notification-Type</i>	(url email)
string	<i>\$notifyOn</i>	Comma separated (notification on- : loss pending received refunded untraceable)

Returns[SofortLibAbstract](#) \$thisReferenced by [setNotificationEmail\(\)](#), and [setNotificationUrl\(\)](#).**4.7.2.5** [getConfigKey \(\)](#)

Getter for ConfigKey

Returns

string

4.7.2.6 [getData \(\)](#)

Preparing array for request

Returns

array

Referenced by `sendRequest()`.

4.7.2.7 `getDataHandler ()`

Getter for the DataHandler

Returns

object|null

4.7.2.8 `getError ($ paymentMethod = ' all ' , $ message = array ())`

Returns one error message

See also

[getErrors\(\)](#) for more detailed errors

Parameters

string	<i>\$payment-Method</i>	- 'all', 'sr', 'su' (default "all")
array	<i>\$message</i>	(optional) response array

Returns

string errorMessage ELSE false

4.7.2.9 `getErrors ($ paymentMethod = ' all ' , $ message = array ())`

Getter for errors

Parameters

string	<i>\$payment-Method</i>	- 'all', 'sr', 'su' (default "all")
array	<i>\$message</i>	(optional) response array

Returns

array (empty array if no error exist ELSE array with error-codes and error-messages)

References `handleErrors()`, and `isError()`.

4.7.2.10 getLogger ()

Getter for LogHandler

Returns

[AbstractLoggerHandler](#)

4.7.2.11 getParameters ()

Getter for parameter-array

Returns

mixed

4.7.2.12 getRawRequest ()

Getter for the raw Request Data

Returns

mixed

4.7.2.13 getRawResponse ()

Getter for the raw Response Data

Returns

mixed

4.7.2.14 getRequest ()

Getter for the Request Data

Returns

mixed

4.7.2.15 getResponse ()

Getter for the Response

Returns

array

4.7.2.16 `getWarnings ($ paymentMethod = 'all' , $ message = array())`

Getter for warnings

Parameters

string	<i>\$payment-Method</i>	- 'all', 'su' (default "all")
array	<i>\$message</i>	(optional) response array

Returns

array (empty array if no warnings exists ELSE array with warning-codes and warning-messages)

4.7.2.17 `handleErrors ($ errors)`

Alter error array and set error message and error code together as one

Parameters

array	<i>\$errors</i>	
-------	-----------------	--

Returns

array (empty array if no error exist ELSE array with error-codes and error-messages)

Referenced by `getErrors()`.

4.7.2.18 `isError ($ paymentMethod = 'all' , $ message = array())`

checks (response)-array for error

Parameters

string	<i>\$payment-Method</i>	- 'all', 'su' (if unknown then it uses "all")
array	<i>\$message</i>	(optional) response array

Returns

bool true if errors found (in given payment-method or in 'global') ELSE false

Referenced by `getErrors()`.

4.7.2.19 isWarning (\$ paymentMethod = 'all', \$ message = array())

Checks (response)-array for warnings

Parameters

string	<i>\$payment-Method</i>	- 'all', 'su' (default "all")
array	<i>\$message</i>	(optional) response array

Returns

bool true if warnings found ELSE false

4.7.2.20 log (\$ message)

Log the given string into log.txt use \$this->enableLog(); to enable logging before!

Parameters

string	<i>\$message</i>	
--------	------------------	--

Returns

void

Referenced by sendRequest().

4.7.2.21 logError (\$ message)

Log the given string into error_log.txt use \$this->enableLog(); to enable logging before!

Parameters

string	<i>\$message</i>	
--------	------------------	--

Returns

void

4.7.2.22 logWarning (\$ message)

Log the given string into warning_log.txt use \$this->enableLog(); to enable logging before!

Parameters

string	<i>\$message</i>	
--------	------------------	--

Returns

void

4.7.2.23 `sendRequest ()`

SendRequest sends Request (array) to the DataHandler and gets Response (array)

Returns

void

References `_handleErrors()`, `_parse()`, `getData()`, and `log()`.

4.7.2.24 `setAbortUrl ($abortUrl)`

The customer will be redirected to this url if he uses the abort link on the payment form, should redirect him back to his cart or to the payment selection page

Parameters

string	<i>\$abortUrl</i>	url for aborting the transaction
--------	-------------------	----------------------------------

Returns

[SofortLibAbstract](#) \$this

4.7.2.25 `setApiVersion ($apiVersion)`

Sets the version tag, appended to the root tag as attribute

Parameters

string	<i>\$apiVersion</i>	
--------	---------------------	--

Returns

[SofortLibAbstract](#) \$this

4.7.2.26 `setConfigKey ($configKey)`

Setter for ConfigKey and parsing ConfigKey into userId, projectId, apiKey

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

[SofortLibAbstract](#) \$this

4.7.2.27 setCurrencyCode (\$ currency)

Setter for Currency eg. EUR

Parameters

string	<i>\$currency</i>	
--------	-------------------	--

Returns

[SofortLibAbstract](#) \$this

4.7.2.28 setDataHandler (AbstractDataHandler \$ Handler)

Setter for the DataHandler

Parameters

- Abstract-Data-Handler	<i>\$Handler</i>	
--	------------------	--

Returns

[SofortLibAbstract](#) \$this

References [AbstractDataHandler\setUserId\(\)](#).

4.7.2.29 setError (\$ message, \$ pos = ' global ', \$ errorCode = '-1', \$ field = '')

Set Errors later use [getError\(\)](#), [getErrors\(\)](#) or [isError\(\)](#) to retrieve them

Parameters

string	<i>\$message</i>	- detailed information about the error
string	<i>\$pos</i>	- Position in the errors-array, must be one of: 'global', 'sr', 'su' (default global)
string	<i>\$errorCode</i>	- a number or string to specify the errors in the module (default -1)
string	<i>\$field</i>	(optional) - if \$errorCode deals with a field

Returns

void

4.7.2.30 setLogDisabled ()

Set logging disabled

Returns

[SofortLibAbstract](#) \$this

4.7.2.31 setLogEnabled ()

Set logging enable

Returns

[SofortLibAbstract](#) \$this4.7.2.32 setLogger (AbstractLoggerHandler \$ *Logger*)

Setter for LogHandler

Parameters

- Abstract- Logger- Handler	<i>\$Logger</i>	
--	-----------------	--

Returns

[SofortLibAbstract](#) \$this4.7.2.33 setNotificationEmail (\$ *notificationAddress*, \$ *notifyOn* = ' ')

Sets the notification Email-address and it's attributes

Parameters

string	<i>\$notification- Address</i>	
string	<i>\$notifyOn</i>	Comma separated (notification on- : loss pending received refunded untraceable)

Returns

[SofortLibAbstract](#) \$this

References _setNotification().

4.7.2.34 setNotificationUrl (\$ notificationAddress, \$ notifyOn = ' ')

Sets the notification URL and it's attributes

Parameters

string	<i>\$notification-Address</i>	
string	<i>\$notifyOn</i>	Comma separated (notification on- : loss pending received refunded untraceable)

Returns

[SofortLibAbstract](#) \$this

References _setNotification().

4.7.2.35 setParameters (\$ parameters)

Setter for Parameter Array

Parameters

array	<i>\$parameters</i>	
-------	---------------------	--

Returns

[SofortLibAbstract](#) \$this

4.7.2.36 setSuccessLinkRedirect (\$ arg)

Setter for redirecting the success link automatically

Parameters

bool	<i>\$arg</i>	
------	--------------	--

Returns

[SofortLibAbstract](#) \$this

Referenced by `setSuccessUrl()`.

4.7.2.37 `setSuccessUrl ($ successUrl, $ redirect = true)`

The customer will be redirected to this url after a successful transaction, this should be a page where a short confirmation is displayed

Parameters

string	<i>\$successUrl</i>	the url after a successful transaction
bool	<i>\$redirect</i>	(default true)

Returns

[SofortLibAbstract](#) \$this

References `setSuccessLinkRedirect()`.

4.7.2.38 `setTimeoutUrl ($ timeoutUrl)`

If the customer takes too much time or if your timeout is set too short he will be redirected to this page

Parameters

string	<i>\$timeoutUrl</i>	url
--------	---------------------	-----

Returns

[SofortLibAbstract](#) \$this

4.7.3 Member Data Documentation**4.7.3.1** `CONST GATEWAY_URL = "https://api.sofort.com/api/xml"`

API-URL

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

- [sofortLibAbstract.inc.php](#)

4.8 SofortLibFactory Class Reference

Static Public Member Functions

- static [getDataHandler](#) (\$configKey)
- static [getHttpConnection](#) (\$data, \$url=false, \$headers=false)
- static [getLogger](#) ()

4.8.1 Detailed Description

Sofort Library Factory

Author

SOFORT AG (integration@sofort.com)

Copyright

2010-2014 SOFORT AG

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Version

SofortLib 2.1.2

[official website](#)

4.8.2 Member Function Documentation

4.8.2.1 static [getDataHandler](#) (*\$configKey*) [static]

Defines and includes the DataHandler

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

[XmlDataHandler](#)

4.8.2.2 static [getHttpConnection](#) (*\$data*, *\$url* = false, *\$headers* = false) [static]

Defines the Http Connection to be used

Parameters

string	<i>\$data</i>	
string bool	<i>\$url</i>	
array bool	<i>\$headers</i>	

Returns

SofortLibHttpCurl|SofortLibHttpSocket

4.8.2.3 static getLogger () [static]

Defines and includes the logger

Returns

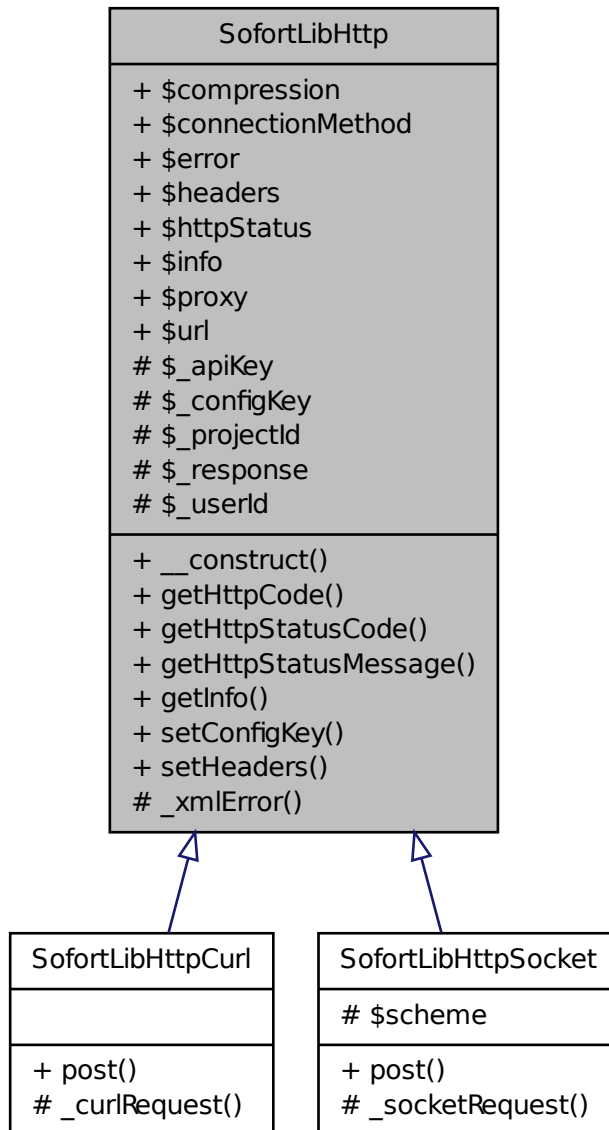
[FileLogger](#)

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

- sofortLibFactory.php

4.9 SofortLibHttp Class Reference

Inheritance diagram for SofortLibHttp:



Public Member Functions

- [__construct](#) (\$url, \$compression=false, \$proxy= '')
- [getHttpCode](#) ()
- [getHttpStatusCode](#) ()
- [getHttpStatusMessage](#) ()
- [getInfo](#) (\$opt= '')
- [setConfigKey](#) (\$configKey)
- [setHeaders](#) ()

Protected Member Functions

- [_xmlError](#) (\$code, \$message)

4.9.1 Detailed Description

Encapsulates communication via HTTP

requires libcurl and openssl

Author

SOFORT AG (integration@sofort.com)

Copyright

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Version

SofortLib 2.1.2

[official website](#)

4.9.2 Constructor & Destructor Documentation

4.9.2.1 [__construct](#) (*\$url*, *\$compression* = *false*, *\$proxy* = ' ')

Constructor for [SofortLibHttp](#)

Parameters

string	<i>\$url</i>	
bool	<i>\$compression</i>	(default false)
string	<i>\$proxy</i>	(optional)

Returns

4.9.3 Member Function Documentation

4.9.3.1 `_xmlError ($code, $message)` [protected]

Output an xml error

Parameters

string	<i>\$code</i>	
string	<i>\$message</i>	

Returns

string xml error

Referenced by `getHttpCode()`, `SofortLibHttpCurl\post()`, and `SofortLibHttpSocket\post()`.

4.9.3.2 `getHttpCode ()`

HTTP error handling

Returns

array(code, message, response[if available])

References `_xmlError()`.

Referenced by `getHttpStatusCode()`, and `getHttpStatusMessage()`.

4.9.3.3 `getHttpStatusCode ()`

Getter for HTTP status code

Returns

string

References `getHttpCode()`.

4.9.3.4 `getHttpStatusMessage ()`

Getter for HTTP status message

Returns

string

References `getHttpCode()`.

4.9.3.5 getInfo (\$opt = ' ')

Getter for information

Parameters

string	<i>\$opt</i>	(optional)
--------	--------------	------------

Returns

string

4.9.3.6 setConfigKey (\$configKey)

Setter for ConfigKey and parsing ConfigKey into userId, ProjectId, apiKey

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

void

References setHeaders().

4.9.3.7 setHeaders ()

Setting Headers to be sent

Returns

void

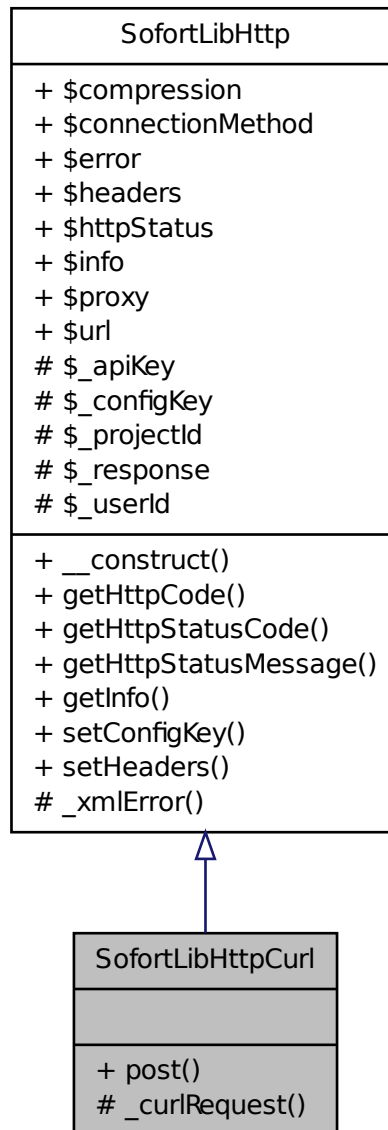
Referenced by setConfigKey().

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

- sofortLibHttp.inc.php

4.10 SofortLibHttpCurl Class Reference

Inheritance diagram for SofortLibHttpCurl:



Public Member Functions

- [post](#) (\$data, \$url=false, \$headers=false)

Protected Member Functions

- [_curlRequest](#) (\$url, \$curlOpt=array())

4.10.1 Detailed Description

this class handles requests using the curl method

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

4.10.2 Member Function Documentation

4.10.2.1 [_curlRequest](#) (*\$url*, *\$curlOpt*=array()) [protected]

Post data using curl

Parameters

string	<i>\$url</i>	
array	<i>\$curlOpt</i>	(optional)

Returns

string

Referenced by [post\(\)](#).

4.10.2.2 `post ($ data, $ url = false, $ headers = false)`

Send data to server with POST request

Parameters

string	<i>\$data</i>	
string bool	<i>\$url</i>	(optional)
string bool	<i>\$headers</i>	(optional)

Returns

string

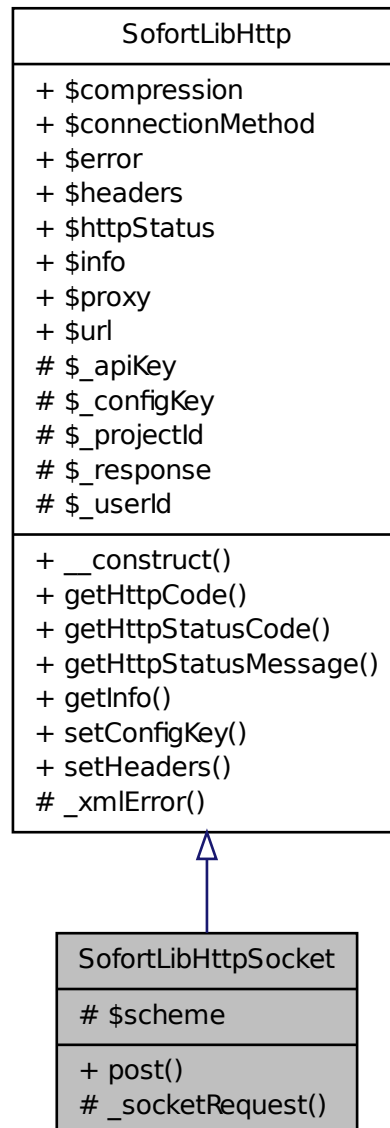
References `_curlRequest()`, and `SofortLibHttp_xmlError()`.

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

- `sofortLibHttpCurl.inc.php`

4.11 SofortLibHttpSocket Class Reference

Inheritance diagram for SofortLibHttpSocket:



Public Member Functions

- [post](#) (\$data, \$url=null, \$headers=null)

Protected Member Functions

- [_socketRequest](#) (\$uri, \$out)

4.11.1 Detailed Description

this class handles requests using the socket method

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

4.11.2 Member Function Documentation

4.11.2.1 [_socketRequest](#) (*\$uri*, *\$out*) [protected]

This is a fallback with fsockopen if curl is not activated we still need openssl and ssl wrapper support (PHP >= 4.3.0)

Parameters

string	<i>\$uri</i>	
string	<i>\$out</i>	

Returns

string

Referenced by [post\(\)](#).

4.11.2.2 `post ($data, $url = null, $headers = null)`

Send data to server with POST request

Parameters

	<i>\$data</i>	
string	<i>\$url</i>	
bool	<i>\$headers</i>	

Returns

string

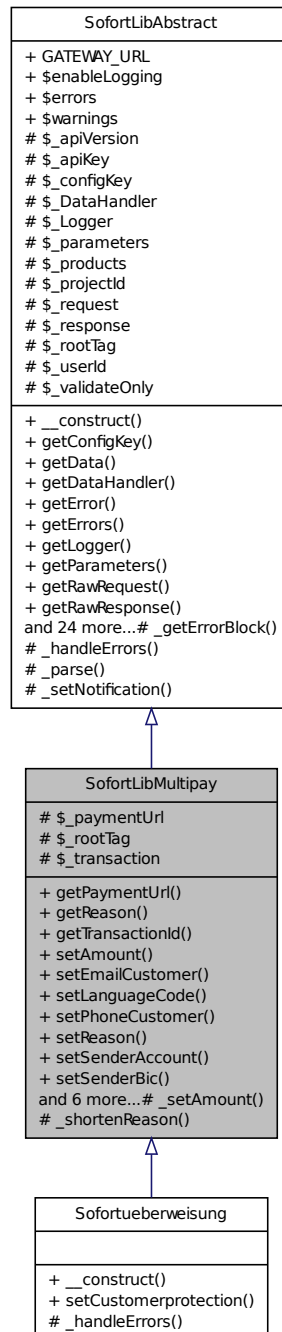
References `_socketRequest()`, and `SofortLibHttp_xmlError()`.

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

- `sofortLibHttpSocket.inc.php`

4.12 SofortLibMultipay Class Reference

Inheritance diagram for SofortLibMultipay:



Public Member Functions

- [getPaymentUrl \(\)](#)
- [getReason \(\)](#)
- [getTransactionId \(\)](#)
- [setAmount \(\\$amount=0.00\)](#)
- [setEmailCustomer \(\\$customersEmail\)](#)
- [setLanguageCode \(\\$languageCode\)](#)
- [setPhoneCustomer \(\\$customersPhone\)](#)
- [setReason \(\\$reason1, \\$reason2= ''\)](#)
- [setSenderAccount \(\\$bankCode, \\$accountNumber, \\$holder\)](#)
- [setSenderBic \(\\$bic\)](#)
- [setSenderCountryCode \(\\$countryCode\)](#)
- [setSenderHolder \(\\$holder\)](#)
- [setSenderIban \(\\$iban\)](#)
- [setSenderSepaAccount \(\\$bic, \\$iban, \\$holder\)](#)
- [setTimeout \(\\$timeout\)](#)
- [setUserVariable \(\\$userVariable\)](#)
- [setVersion \(\\$version\)](#)

Protected Member Functions

- [_setAmount \(\\$amount=0.00\)](#)
- [_shortenReason \(\\$reason, \\$pattern= '#\[^\a-zA-Z0-9+-.\\.\]#', \\$reasonLength=27\)](#)

4.12.1 Detailed Description

Abstract Multipay Class

provides attributes and methods for Invoice and SofortUeberweisung

Author

SOFORT AG (integration@sofort.com)

Copyright

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Version

SofortLib 2.1.2

[official website](#)

4.12.2 Member Function Documentation

4.12.2.1 `_setAmount ($ amount = 0.00)` [protected]

Setter for Amount

Parameters

float	<i>\$amount</i>	
-------	-----------------	--

Returns

[SofortLibMultipay](#) \$this

Referenced by `setAmount()`.

4.12.2.2 `_shortenReason ($ reason, $ pattern = ' # [^ a - z A - Z 0 - 9 + - \ . ,] # ' , $ reasonLength = 27)` [protected]

Shortens the reason string

Parameters

string	<i>\$reason</i>	
string	<i>\$pattern</i>	
int	<i>\$reasonLength</i>	

Returns

string

Referenced by `setReason()`.

4.12.2.3 `getPaymentUrl ()`

After configuration and sending this request you can use this function to redirect the customer to the payment form

Returns

string url of payment form

4.12.2.4 `getReason ()`

Getter for reasons

Returns

string

4.12.2.5 getTransactionId ()

After configuration and sending this request you can use this function to get the transactions transaction ID

Returns

string

4.12.2.6 setAmount (\$ amount = 0 . 00)

Setter for Amount

Parameters

float	<i>\$amount</i>	
-------	-----------------	--

Returns

[SofortLibMultipay](#) \$this

References [_setAmount\(\)](#).

4.12.2.7 setEmailCustomer (\$ customersEmail)

Set the email address of the customer this will be used for sofortvorkasse and so-fortrechnung

Parameters

string	<i>\$customers- Email</i>	email address
--------	-------------------------------	---------------

Returns

[SofortLibMultipay](#) \$this

4.12.2.8 setLanguageCode (\$ languageCode)

Setter for languageCode

Parameters

string	<i>\$language-Code</i>	fallback EN
--------	------------------------	-------------

Returns

[SofortLibMultipay](#) \$this

4.12.2.9 setPhoneCustomer (\$ customersPhone)

Set the phone number of the customer

Parameters

string	<i>\$customers-Phone</i>	phone number
--------	--------------------------	--------------

Returns

[SofortLibMultipay](#) \$this

4.12.2.10 setReason (\$ reason1, \$ reason2 = ' ')

Setter for Reasons

Parameters

string	<i>\$reason1</i>	
string	<i>\$reason2</i>	(optional)

Returns

[SofortLibAbstract](#) \$this

References `_shortenReason()`.

4.12.2.11 setSenderAccount (\$ bankCode, \$ accountNumber, \$ holder)

Set data of account

Parameters

string	<i>\$bankCode</i>	bank code of bank
string	<i>\$account-Number</i>	account number
string	<i>\$holder</i>	Name/Holder of this account

Returns

[SofortLibMultipay](#) \$this

4.12.2.12 setSenderBic (\$ bic)

Setter for senders BIC

Parameters

string	<i>\$bic</i>	
--------	--------------	--

Returns

[SofortLibMultipay](#) \$this

4.12.2.13 setSenderCountryCode (\$ countryCode)

Setter for senders country code (ISO 3166-1)

Parameters

string	<i>\$country- Code</i>	
--------	----------------------------	--

Returns

[SofortLibMultipay](#) \$this

4.12.2.14 setSenderHolder (\$ holder)

Setter for senders holder (ISO 3166-1)

Parameters

string	<i>\$holder</i>	
--------	-----------------	--

Returns

[SofortLibMultipay](#) \$this

4.12.2.15 setSenderIban (\$ iban)

Setter for senders iban

Parameters

string	<i>\$iban</i>	
--------	---------------	--

Returns

[SofortLibMultipay](#) \$this

4.12.2.16 `setSenderSepaAccount ($bic, $iban, $holder)`

Set data of account, SEPA conform (iban & bic)

Parameters

string	<i>\$bic</i>	bic of bank
string	<i>\$iban</i>	iban of account
string	<i>\$holder</i>	Name/Holder of this account

Returns

[SofortLibMultipay](#) \$this

4.12.2.17 `setTimeout ($timeout)`

Timeout how long this transaction configuration will be valid for this is the time between the generation of the payment url and the user completing the form, should be at least two to three minutes defaults to unlimited if not set

Parameters

int	<i>\$timeout</i>	timeout in seconds
-----	------------------	--------------------

Returns

[SofortLibMultipay](#) \$this

4.12.2.18 `setUserVariable ($userVariable)`

Add another variable this can be your internal order id or multiple variables

Parameters

string array	<i>\$user-Variable</i>	the contents of the variable
----------------	------------------------	------------------------------

Returns

[SofortLibMultipay](#) \$this

4.12.2.19 setVersion (\$ version)

Set the version of this payment module this is helpful so the support staff can easily find out if someone uses an outdated module

Parameters

string	\$version	version string of your module
--------	-----------	-------------------------------

Returns

[SofortLibMultipay](#) \$this

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

- `sofortLibMultipay.inc.php`

4.13 SofortLibNotification Class Reference

Public Member Functions

- [getNotification](#) (\$content)
- [getTime](#) ()
- [getTransactionId](#) ()

4.13.1 Detailed Description

This class handles incoming notifications for sofortueberweisung and invoice

Author

SOFORT AG (integration@sofort.com)

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Version

SofortLib 2.1.2

[official website](#)

4.13.2 Member Function Documentation

4.13.2.1 `getNotification ($content)`

Reads the input and tries to read the transaction id

Parameters

string	<i>\$content</i>	XML-File Content
--------	------------------	------------------

Returns

bool|string (transaction ID, when true)

References `XmlToArray\render()`.

4.13.2.2 `getTime ()`

Getter for variable time

Returns

string

4.13.2.3 `getTransactionId ()`

Getter for transaction

Returns

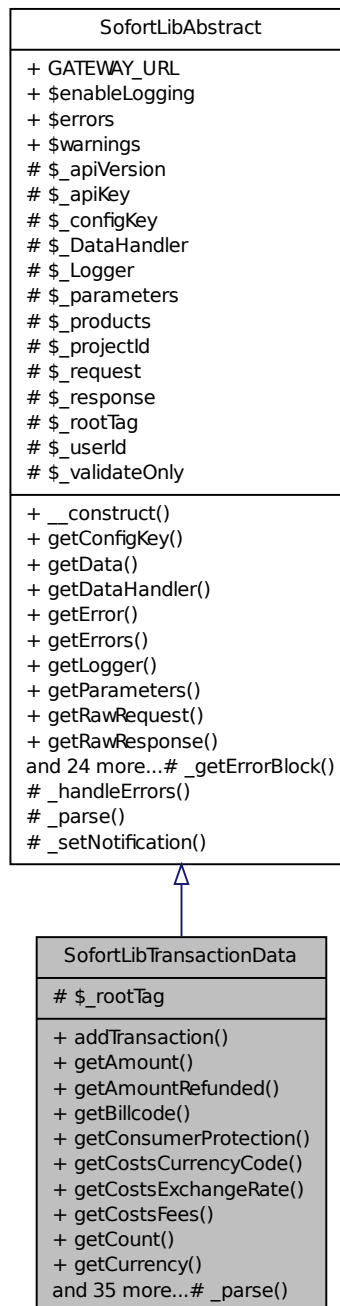
string

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

- `sofortLibNotification.inc.php`

4.14 SofortLibTransactionData Class Reference

Inheritance diagram for SofortLibTransactionData:



Public Member Functions

- [addTransaction](#) (\$transaction)
- [getAmount](#) (\$i=0)
- [getAmountRefunded](#) (\$i=0)
- [getBillcode](#) (\$i=0)
- [getConsumerProtection](#) (\$i=0)
- [getCostsCurrencyCode](#) (\$i=0)
- [getCostsExchangeRate](#) (\$i=0)
- [getCostsFees](#) (\$i=0)
- [getCount](#) ()
- [getCurrency](#) (\$i=0)
- [getEmailCustomer](#) (\$i=0)
- [getExchangeRate](#) (\$i=0)
- [getLanguageCode](#) (\$i=0)
- [getPaycode](#) (\$i=0)
- [getPaymentMethod](#) (\$i=0)
- [getPhoneNumberCustomer](#) (\$i=0)
- [getProjectId](#) (\$i=0)
- [getReason](#) (\$i=0, \$n=0)
- [getRecipientAccountNumber](#) (\$i=0)
- [getRecipientBankCode](#) (\$i=0)
- [getRecipientBankName](#) (\$i=0)
- [getRecipientBic](#) (\$i=0)
- [getRecipientCountryCode](#) (\$i=0)
- [getRecipientHolder](#) (\$i=0)
- [getRecipientIban](#) (\$i=0)
- [getSenderAccountNumber](#) (\$i=0)
- [getSenderBankCode](#) (\$i=0)
- [getSenderBankName](#) (\$i=0)
- [getSenderBic](#) (\$i=0)
- [getSenderCountryCode](#) (\$i=0)
- [getSenderHolder](#) (\$i=0)
- [getSenderIban](#) (\$i=0)
- [getStatus](#) (\$i=0)
- [getStatusHistoryItem](#) (\$i=0, \$n=0)
- [getStatusModifiedTime](#) (\$i=0)
- [getStatusReason](#) (\$i=0)
- [getTime](#) (\$i=0)
- [getTransaction](#) (\$i=0)
- [getUserVariable](#) (\$i=0, \$n=0)
- [isTest](#) (\$i=0)
- [setCount](#) (\$count)
- [setNumber](#) (\$number, \$page=1)
- [setStatus](#) (\$status)
- [setStatusModifiedTime](#) (\$from, \$to)
- [setStatusReason](#) (\$statusReason)
- [setTime](#) (\$from, \$to)

Protected Member Functions

- [_parse\(\)](#)

4.14.1 Detailed Description

This class is for retrieving information about transactions, you can search by transaction-id or by date

```
eg: $SofortLibTransactionData = new SofortLibTransactionData('yourapikey');  
$SofortLibTransactionData->setTransaction('1234-456-789654-31321')->sendRequest();  
echo $SofortLibTransactionData->getStatus();
```

Author

SOFORT AG (integration@sofort.com)

Copyright

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Version

SofortLib 2.1.2

[official website](#)

4.14.2 Member Function Documentation

4.14.2.1 [_parse\(\)](#) [protected]

Parse the XML (override)

See also

[SofortLibAbstract::_parse\(\)](#)

Returns

void

Reimplemented from [SofortLibAbstract](#).

4.14.2.2 addTransaction (\$ transaction)

Use this function if you want to request detailed information about several transactions at once

Parameters

string	\$transaction	
--------	---------------	--

Returns

[SofortLibTransactionData](#) \$this

4.14.2.3 getAmount (\$ i = 0)

Returns the total amount of a transaction

Parameters

int	\$i	if you request multiple transactions at once you can set the number here (default 0)
-----	-----	--

Returns

double amount

4.14.2.4 getAmountRefunded (\$ i = 0)

Refund, if a transaction was refunded. amount = amountRefunded if everything was refunded

Parameters

int	\$i	if you request multiple transactions at once you can set the number here (default 0)
-----	-----	--

Returns

double amount

4.14.2.5 getBillcode (\$ i = 0)

Returns the transactions billcode

Parameters

int	\$i	if you request multiple transactions at once you can set the number here (default 0)
-----	-----	--

Returns

string billcode

4.14.2.6 getConsumerProtection (\$i = 0)

Returns the state of consumer_protection if set

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

bool

References getPaymentMethod().

4.14.2.7 getCostsCurrencyCode (\$i = 0)

Returns the transactions costs Currency

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string EUR|USD|GBP.... >

4.14.2.8 getCostsExchangeRate (\$i = 0)

Returns the transactions exchange rate

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

double exchange_rate

4.14.2.9 `getCostsFees ($i = 0)`

Returns the transactions Fees (Part of Costs)

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

double fees

4.14.2.10 `getCount ()`

Getter for count, the number of transaction returned by the response

Returns

int

4.14.2.11 `getCurrency ($i = 0)`

Returns the currency of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string EUR|USD|GBP....

4.14.2.12 `getEmailCustomer ($i = 0)`

Returns the transaction customer's email-address

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string email-address

4.14.2.13 `getExchangeRate ($i = 0)`

Returns the transactions exchange rate

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string exchange rate

4.14.2.14 `getLanguageCode ($i = 0)`

Returns the language code of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string language code

4.14.2.15 `getPaycode ($i = 0)`

Returns the transactions paycode

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string paycode

4.14.2.16 `getPaymentMethod ($i = 0)`

Returns the payment method of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string su|paycode|billcode

Referenced by getConsumerProtection().

4.14.2.17 getPhoneNumberCustomer (\$i = 0)

Returns the transaction customer phone-number

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string phone-number

4.14.2.18 getProjectId (\$i = 0)

Returns the project id of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

int project id

4.14.2.19 getReason (\$i = 0, \$n = 0)

Returns an array containing reason of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
int	<i>\$n</i>	get the reason line (0 = line 1, 1 = line 2; default 0)

Returns

string transaction reasons

4.14.2.20 getRecipientAccountNumber (\$i = 0)

Returns the account number of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string account number

4.14.2.21 getRecipientBankCode (\$i = 0)

Returns the bank code of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string recipient bank code

4.14.2.22 getRecipientBankName (\$i = 0)

Returns the bank name of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string bank name

4.14.2.23 getRecipientBic (\$i = 0)

Returns the BIC of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string recipient BIC

4.14.2.24 getRecipientCountryCode (\$i = 0)

Returns the country code of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string country code

4.14.2.25 getRecipientHolder (\$i = 0)

Returns the holder of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string recipient holder

4.14.2.26 getRecipientIban (\$i = 0)

Returns the IBAN of the receiving account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string recipient IBAN

4.14.2.27 getSenderAccountNumber (\$i = 0)

Returns the account number of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender account number

4.14.2.28 getSenderBankCode (\$i = 0)

Returns the bank code of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender bank code

4.14.2.29 getSenderBankName (\$i = 0)

Returns the bank name of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender bank name

4.14.2.30 getSenderBic (\$i = 0)

Returns the BIC of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender BIC

4.14.2.31 getSenderCountryCode (\$i = 0)

Returns the country code of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender country code

4.14.2.32 getSenderHolder (\$i = 0)

Returns the holder of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender holder

4.14.2.33 getSenderIban (\$i = 0)

Returns the IBAN of the sending account

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string sender IBAN

4.14.2.34 getStatus (\$i = 0)

Returns the status of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string status of transaction

4.14.2.35 getStatusHistoryItem (\$i = 0, \$n = 0)

Returns an array with an status_history_item (status (code), status_reason and time)

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
int	<i>\$n</i>	if there are multiple status_history_items set the number (default 0)

Returns

mixed|bool

4.14.2.36 getStatusModifiedTime (\$i = 0)

Returns the time of the last status-change so you can check if sth. changed

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string time e.g. 2011-01-01T12:35:09+01:00 use strtotime() to convert it to unix-time

4.14.2.37 getStatusReason (\$i = 0)

Returns the detailed status description of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string message

4.14.2.38 getTime (\$i = 0)

Returns the time of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string time e.g. 2011-01-01T12:35:09+01:00 use strtotime() to convert it to unix-time

4.14.2.39 getTransaction (\$i = 0)

Returns the transaction id of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

string transaction id

4.14.2.40 getUserVariable (\$i = 0, \$n = 0)

Returns the user variable of a transaction

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
int	<i>\$n</i>	number of the variable (default 0)

Returns

string the content of this variable

4.14.2.41 isTest (\$ i = 0)

Checks if the transaction was a test

Parameters

int	<i>\$i</i>	if you request multiple transactions at once you can set the number here (default 0)
-----	------------	--

Returns

bool

4.14.2.42 setCount (\$ count)

Setter for transaction-counter

Parameters

int	<i>\$count</i>	
-----	----------------	--

Returns

SofortTransactionData \$this

4.14.2.43 setNumber (\$ number, \$ page = 1)

You can limit the number of results

Parameters

int	<i>\$number</i>	number of results [0-100]
int	<i>\$page</i>	result page (default 1)

Returns

[SofortLibTransactionData](#) \$this

See also

[setTime\(\)](#)

4.14.2.44 setStatus (\$ status)

Request for transactions with certain status

Parameters

string	<i>\$status</i>	(loss pending received refunded untraceable)
--------	-----------------	--

Returns

SofortTransactionData

4.14.2.45 setStatusModifiedTime (\$ from, \$ to)

Request for transactions with their status changed within a certain time

Parameters

string	<i>\$from</i>	possible formats: 2011-01-25 or 2011-01-25T19:01:02+02:00
string	<i>\$to</i>	possible formats: 2011-01-25 or 2011-01-25T19:01:02+02:00

Returns

SofortTransactionData

4.14.2.46 setStatusReason (\$ statusReason)

Request for transactions with certain status reason

Parameters

string	<i>\$status-Reason</i>	(not_credited_yet not_credited refunded compensation credited canceled confirm_invoice confirmation-_period_expired wait_for_money partially_-credited overpayment rejected sofort_bank_account_-needed prefinanced acquired late_succeed)
--------	------------------------	---

Returns

SofortTransactionData

4.14.2.47 setTime (\$ from, \$ to)

You can request all transactions of a certain time period

use [setNumber\(\)](#) to limit the results

Parameters

string	<i>\$from</i>	date possible formats: 2011-01-25 or 2011-01-25T19:01:02+02:00
string	<i>\$to</i>	date possible formats: 2011-01-25 or 2011-01-25T19:01:02+02:00

Returns

[SofortLibTransactionData](#) \$this

See also

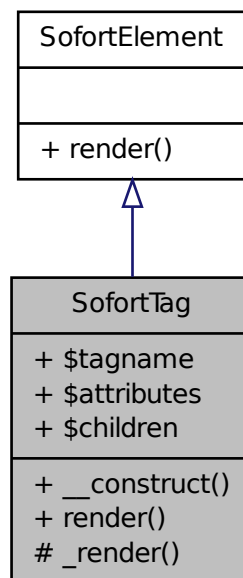
[setNumber\(\)](#)

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

- `sofortLibTransactionData.inc.php`

4.15 SofortTag Class Reference

Inheritance diagram for SofortTag:



Public Member Functions

- [__construct](#) (\$tagname, array \$attributes=array(), \$children=array())
- [render](#) ()

Protected Member Functions

- [_render](#) (\$output, \$attributes)

4.15.1 Detailed Description

Sofort Tag Element

Author

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Version

SofortLib 2.1.2

[official website](#) [Implementation of a simple tag](#)

4.15.2 Constructor & Destructor Documentation

4.15.2.1 `__construct ($ tagname, array $ attributes = array() , $ children = array())`

Constructor for [SofortTag](#)

Parameters

string	<i>\$tagname</i>	
array	<i>\$attributes</i>	(optional)
array	<i>\$children</i>	(optional)

Returns

4.15.3 Member Function Documentation

4.15.3.1 `_render ($ output, $ attributes)` `[protected]`

Render the output

Parameters

string	<i>\$output</i>	
string	<i>\$attributes</i>	

Returns

string

Referenced by `render()`.

4.15.3.2 `render ()`

Renders the element (override)

See also

[SofortElement::render\(\)](#)

Returns

string

Reimplemented from [SofortElement](#).

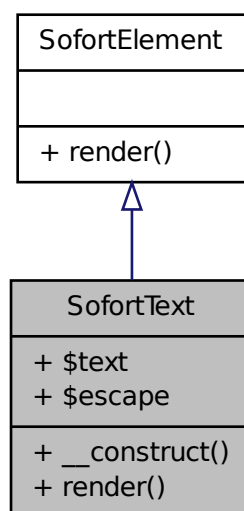
References `_render()`.

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

- `sofortTag.php`

4.16 SofortText Class Reference

Inheritance diagram for SofortText:

**Public Member Functions**

- [__construct](#) (\$text, \$escape=false, \$trim=true)
- [render](#) ()

4.16.1 Detailed Description

Sofort Text Element

Author

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Version

SofortLib 2.1.2

[official website](#) [Implementation of simple text](#)

4.16.2 Constructor & Destructor Documentation

4.16.2.1 `__construct ($text, $escape = false, $trim = true)`

Constructor for [SofortText](#)

Parameters

string	<i>\$text</i>	
bool	<i>\$escape</i>	(default false)
bool	<i>\$trim</i>	(default true)

Returns

4.16.3 Member Function Documentation

4.16.3.1 `render ()`

Renders the element (override)

See also

[SofortElement::render\(\)](#)

Returns

string

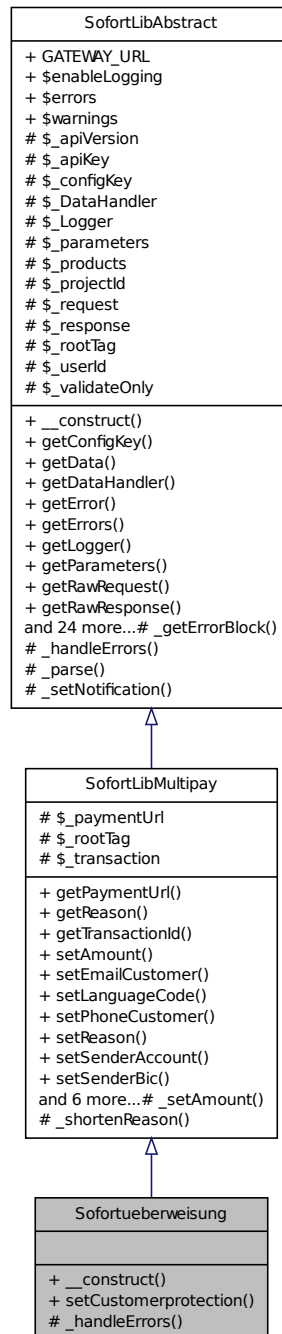
Reimplemented from [SofortElement](#).

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

- `sofortText.php`

4.17 Sofortueberweisung Class Reference

Inheritance diagram for Sofortueberweisung:



Public Member Functions

- [__construct](#) (\$configKey)
- [setCustomerprotection](#) (\$customerProtection=true)

Protected Member Functions

- [_handleErrors](#) ()

4.17.1 Detailed Description

Author

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Version

SofortLib 2.1.2

[official website](#)

4.17.2 Constructor & Destructor Documentation

4.17.2.1 `__construct ($ configKey)`

Constructor for [Sofortueberweisung](#)

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

4.17.3 Member Function Documentation

4.17.3.1 `_handleErrors ()` [protected]

Handle Errors occurred

Returns

void

Reimplemented from [SofortLibAbstract](#).

References [SofortLibAbstract_getErrorBlock\(\)](#).

4.17.3.2 setCustomerprotection (\$customerProtection = true)

Setter for Customer Protection if possible for customers

Parameters

bool	<i>\$customer- Protection</i>	(default true)
------	-----------------------------------	----------------

Returns

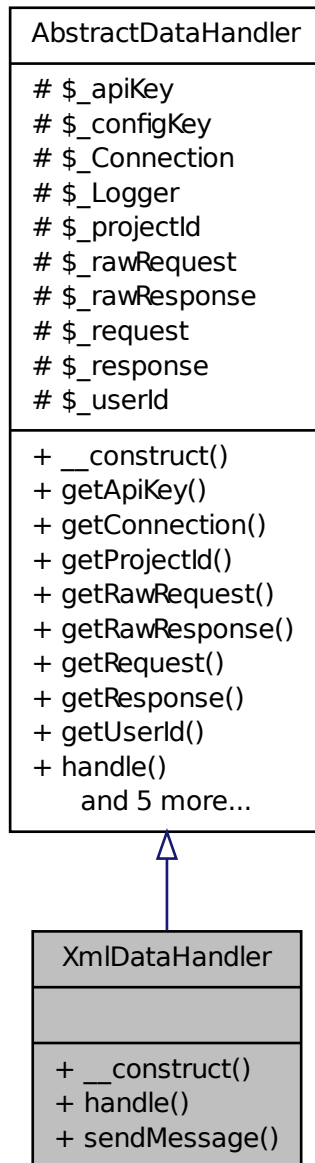
[Sofortueberweisung](#) \$this

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

- [sofortLibSofortueberweisung.inc.php](#)

4.18 XmlDataHandler Class Reference

Inheritance diagram for XmlDataHandler:



Public Member Functions

- [__construct](#) (\$configKey)
- [handle](#) (\$data)
- [sendMessage](#) (\$data)

4.18.1 Detailed Description

Handler for XML Data

Author

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Version

SofortLib 2.1.2

[official website](#)

4.18.2 Constructor & Destructor Documentation

4.18.2.1 `__construct ($ configKey)`

Should be moved to somewhere else (where it fits better)

Parameters

string	<i>\$configKey</i>	
--------	--------------------	--

Returns

Reimplemented from [AbstractDataHandler](#).

4.18.3 Member Function Documentation

4.18.3.1 `handle ($ data)`

Preparing data and parsing result received

Parameters

array	<i>\$data</i>	
-------	---------------	--

Returns

void

Reimplemented from [AbstractDataHandler](#).

References [AbstractDataHandler\getConnection\(\)](#), [ArrayToXml\render\(\)](#), [XmlToArray\render\(\)](#), and [sendMessage\(\)](#).

4.18.3.2 sendMessage (\$ data)

Sending Data to connection and returning results

Parameters

string	<i>\$data</i>	
--------	---------------	--

Returns

string

Reimplemented from [AbstractDataHandler](#).

References [AbstractDataHandler\getConnection\(\)](#).

Referenced by [handle\(\)](#).

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

- [xmlDataHandler.php](#)

4.19 XmlToArray Class Reference

Public Member Functions

- [__construct](#) (\$input, \$maxDepth=20)
- [log](#) (\$msg, \$type=2)
- [toArray](#) (\$simpleStructure=false)

Static Public Member Functions

- static [render](#) (\$input, \$simpleStructure=false, \$maxDepth=20)

4.19.1 Detailed Description

XML To Array conversion

Author

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Version

SofortLib 2.1.2

[official website](#)

4.19.2 Constructor & Destructor Documentation

4.19.2.1 `__construct ($ input, $ maxDepth = 20)`

Loads XML into array representation.

Parameters

string	<i>\$input</i>	
int	<i>\$maxDepth</i>	(default 20)

Exceptions

<i>XmlToArray-Exception</i>	
---	--

Returns

4.19.3 Member Function Documentation

4.19.3.1 `log ($ msg, $ type = 2)`

Log messages (debugging purpose)

Parameters

string	<i>\$msg</i>	
int	<i>\$type</i>	(default 2)

Returns

array|bool

4.19.3.2 `static render ($ input, $ simpleStructure = false, $ maxDepth = 20)`
[static]

Static entry point

Parameters

string	<i>\$input</i>	
bool	<i>\$simple-Structure</i>	(default false)
int	<i>\$maxDepth</i>	only parse XML to the provided depth (default 20)

Exceptions

<i>XmlToArray-Exception</i>	
---	--

Returns

array

Referenced by SofortLibNotification\getNotification(), and XmlDataHandler\handle().

4.19.3.3 `toArray ($ simpleStructure = false)`

Returns parsed XML as array structure

Parameters

bool	<i>\$simple-Structure</i>	(default false)
------	---------------------------	-----------------

Returns

array

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

- xmlToArray.php

4.20 XmlToArrayException Class Reference

4.20.1 Detailed Description

XML to Array Exception

Author

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Version

SofortLib 2.1.2

[official website](#)

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

- xmlToArrayException.php

4.21 XmlToArrayNode Class Reference

Public Member Functions

- [__construct](#) (\$name, \$attributes)
- [addChild](#) (XmlToArrayNode \$XmlToArrayNode)
- [getData](#) ()
- [getName](#) ()
- [getParentXmlToArrayNode](#) ()
- [hasChildren](#) ()
- [hasParentXmlToArrayNode](#) ()
- [isOpen](#) ()
- [render](#) (\$simpleStructure)
- [setClosed](#) ()
- [setData](#) (\$data)
- [setParentXmlToArrayNode](#) (XmlToArrayNode \$XmlToArrayNode)

4.21.1 Detailed Description

XML To Array Node

Author

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Version

SofortLib 2.1.2

[official website](#)

4.21.2 Constructor & Destructor Documentation

4.21.2.1 __construct (\$ name, \$ attributes)

Constructor for [XmlToArrayNode](#)

Parameters

string	<i>\$name</i>	
array bool	<i>\$attributes</i>	

Returns

4.21.3 Member Function Documentation

4.21.3.1 addChild (XmlToArrayNode \$ XmlToArrayNode)

Add a child to collection

Parameters

XmlTo- Array- Node	<i>\$XmlTo- ArrayNode</i>	
--	-------------------------------	--

Returns

void

4.21.3.2 `getData ()`

Getter for data, returns an array

Returns

array

Referenced by `render()`.

4.21.3.3 `getName ()`

Getter for name, returns the name

Returns

string

4.21.3.4 `getParentXmlNodeToArrayNode ()`

Getter for parent node

Returns

[XmlNodeToArrayNode](#)

4.21.3.5 `hasChildren ()`

Does it have any children

Returns

int count of children

Referenced by `render()`.

4.21.3.6 `hasParentXmlNodeToArrayNode ()`

Does it have a node

Returns

bool

4.21.3.7 isOpen ()

Is it open, returns `_open`

Returns

`bool`

4.21.3.8 render (\$simpleStructure)

Renders nodes as array

Parameters

<code>bool</code>	<i>\$simpleStructure</i>	pass true to get an array without and fields
-------------------	--------------------------	--

Returns

`array`

References `getData()`, and `hasChildren()`.

4.21.3.9 setClosed ()

Set it to closed

Returns

`void`

4.21.3.10 setData (\$data)

Setter for variable data

Parameters

<code>string</code>	<i>\$data</i>	
---------------------	---------------	--

Returns

`void`

4.21.3.11 setParentXmlNode (XmlNode \$XmlNode)

Setter for parent node

Parameters

XmlTo-Array-Node	<i>\$XmlTo-ArrayNode</i>	
----------------------------------	--------------------------	--

Returns

void

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

- xmlToArrayNode.php

Chapter 5

File Documentation

5.1 sofortLibAbstract.inc.php File Reference

Classes

- class [SofortLibAbstract](#)

Enumerations

- enum [SOFORTLIB_VERSION](#)

5.1.1 Detailed Description

5.1.2 Enumeration Type Documentation

5.1.2.1 enum SOFORTLIB_VERSION

SofortLibPHP version - Constant