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1. General Information

This documentation describes the scope of functionality and use of the Software Development Kit (SDK) for the Service Oriented Prepaid Gateway (SOPG) from paysafecard.

1.1 Prerequisites

- PHP 5.0+
- php_soap.dll
- php_openssl.dll

1.2 Area of application

The SOPG-SDK is a collection of functions for automations and validations with extensive debugging and logs. The development was conceived of in such a way as to make it possible to integrate the SOPG from paysafecard easily, quickly and with a low susceptibility to errors. Automatic corrections appear in the log as warnings and are deactivated by default.

2. Important information about the functions

2.1 Validation

The validation used in the SDK should not be used as a component of the code. For this reason, the function is declared „private“. The primary purpose of validation in the SDK is error localization. It is no substitute for internal parameter validation.

2.2 Auto-correct

Auto-correct is no substitute for internal parameter formatting. Instead it is intended as a safety mechanism. Automatic corrections appear in the log as warnings.

2.3 Debug

If debugging is activated, every action executed in the SDK is logged. At the end the developer has an array, sorted chronologically, which contains all the actions.

3. Functions, parameters and return values

3.1 construct (debugStatus, sysLang, autoCorrect, status)

| Parameter | Mandatory | Value | Default | Description |
|-------------|-----------|--------------|---------|--------------------------------|
| debugStatus | Yes | TRUE / FALSE | FALSE | Debug status |
| sysLang | Yes | EN / DE | EN | System language |
| autoCorrect | Yes | TRUE / FALSE | FALSE | Auto correct status |
| status | Yes | live / test | test | paysafecard system environment |

Return value: 0

3.2 merchant (username, password)

Sets the username and password.

| Parameter | Mandatory | Value |
|-----------|-----------|----------|
| username | Yes | Username |
| password | Yes | Password |

Return value: 0

3.3 confirmMerchantData (currency)

Checks whether an MID is defined for the indicated currency. Checks the access data at the same time.

| Parameter | Mandatory | Value |
|-----------|-----------|---|
| currency | Yes | EN: ISO 4217 currency code (3 characters) |

Return value:

| Status | Return value |
|------------|--------------|
| Successful | true |
| Error | false |

3.4 setCustomer (amount, currency, mtid, merchantClientId)

Sets the mandatory parameters for a createDisposition (open transaction).

| Parameter | Mandatory | Value |
|------------------|-----------|--|
| amount | Yes | valid amount with two decimal places |
| currency | Yes | EN: ISO 4217 currency code (3 characters) |
| mtid | Yes | unique transaction ID |
| merchantClientId | Yes | Unique client endcustomer ID (e-mail, customer reference number, etc) |

Return value: 0

3.5 setShopId (shopId)

Sets the shop ID.

| Parameter | Mandatory | Value |
|-----------|-----------|-------------------|
| shopId | Yes | ID of the webshop |

Return value: 0

3.6 setShopLabel (shopLabel)

Sets the shop label.

| Parameter | Mandatory | Value |
|-----------|-----------|-------------------------------|
| shopLabel | Yes | label (brand name) of webshop |

Return value: 0

3.7 setRestrictedCountry (country)

Sets country restrictions. Parameter country is not allowed to be an array. To set multiple countries, the function will need to be called multiple times.

| Parameter | Mandatory | Value |
|-----------|-----------|--|
| country | Yes | ISO 3166-1 country code (2 characters) |

Return value: 0

3.8 setMinAge (age)

Sets the minimum age.

| Parameter | Mandatory | Value |
|-----------|-----------|-----------------|
| age | Yes | Positive number |

Return value: 0

3.9 setMinKycLevel (level)

Sets the status the „my paysafecard account“ must have before it can be used for a payment.

| Parameter | Mandatory | Value |
|-----------|-----------|-------------|
| level | Yes | SIMPLE/FULL |

Return value: 0

3.10 setUrl (ok_url, nok_url, pn_url)

Sets the URLs for the forwarders and payment notification URL.

| Parameter | Mandatory | Value |
|-----------|-----------|-----------|
| ok_url | Yes | valid URL |
| nok_url | Yes | valid URL |
| pn_url | Yes | valid URL |

Return value: 0

3.11 createDisposition

Initiate/create a transaction. This function does not take any parameters as these are should have been assigned previously. If the transaction is initiated successfully, getCustomerPanel is called and the URL is generated for the payment transaction.

Return value:

| Status | Return value |
|------------|--|
| Successful | CustomerPanel-URL via getCustomerPanel |
| Error | false |

3.12 getSerialNumbers (mtid, currency, subId)

Checks the current status of a transaction. The transaction is defined by the mtid.

| Parameter | Mandatory | Value |
|-----------|-----------|---|
| mtid | Yes | mtid of a valid transaction |
| currency | Yes | EN: ISO 4217 currency code (3 characters) |
| subId | Yes | Empty / SubId |

Return value:

| Status | Return value |
|--------|--------------|
| Debit | execute* |
| OK | true |
| Error | false |

*** Note: a debit is only allowed to be executed with executeDebit when the return value is ,execute'. A message must be output in the event of an OK or an error.**

3.13 executeDebit (amount, close)

Debits the amount ,amount'. Close 1 indicates that this was the last debit.

| Parameter | Mandatory | Value |
|-----------|-----------|--------------------------------------|
| amount | Yes | valid amount with two decimal places |
| close | Yes | 0 = further debits 1 = last debit |

Return value:

| Status | Return value |
|------------|--------------|
| Successful | true |
| Error | false |

3.14 getLog (type)

Outputs the log in the selected system language. When the system language is not available, the log is output in English.

| Parameter | Mandatory | Value |
|-----------|-----------|------------------------|
| type | Yes | info / warning / error |

Return value: (Array)

| Status | Return value |
|---------------|----------------------------|
| msg_code | Code for log message |
| msg | Log message |
| action | Function |
| action_params | Parameters in the function |
| result | Return value |

Note that error & warning is for development or for a log only. Only the \$log[info][msg] is allowed to be issued to the client!!

4. Other functions

The functions named under 3 are the basic functions for the simple integration of the SOPG. The SDK has extra functions that are automatically used by the SDK in the right place.

4.1 setAmount (amount)

Checks (revises) and sets the amount.

| Parameter | Mandatory | Value |
|-----------|-----------|--------------------------------------|
| amount | Yes | valid amount with two decimal places |

Return value: 0

4.2 setMerchantClientId (merchantClientId)

Checks and sets the merchantClientId.

| Parameter | Mandatory | Value |
|------------------|-----------|------------------|
| merchantClientId | Yes | Unique client ID |

Rückgabe: 0

4.3 setCurrency (currency)

Checks and sets the currency.

| Parameter | Mandatory | Value |
|-----------|-----------|---|
| currency | Yes | EN: ISO 4217 currency code (3 characters) |

Return value: 0

4.4 setMtid (mtid)

Checks and sets the mtid.

| Parameter | Mandatory | Value |
|-----------|-----------|-----------------------|
| mtid | Yes | unique transaction ID |

Return value: 0

4.5 setClose (close)

Checks and sets the status ,close'.

| Parameter | Mandatory | Value |
|-----------|-----------|--------------------------------------|
| close | Yes | 0 = further debits 1 = last debit |

Return value: 0

4.6 setStatus (status)

Defines the paysafecard system environment for the call.

| Parameter | Mandatory | Value |
|-----------|-----------|-------------|
| status | Yes | test / live |

Return value:

| Status | Return value |
|------------|--------------|
| Successful | true |
| Error | false |

4.7 getcustomerPanel

Takes the set data and generates the customerPanelUrl where the client can use to make payment. No parameters are passed as these were already set by createDisposition.

Return value:

| Status | Return value |
|--------|------------------|
| Always | CustomerPanelUrl |

4.8 validate (type, value)

Checks ,value' against the pattern ,type'.

| Parameter | Mandatory | Value |
|-----------|-----------|---|
| type | Yes | username, password, amount, merchantClientId, currency, shopId, ShopLabel, mtid, subId, close, nok_url, ok_url, pn_url, minAge, MinKycLevel, restricedCountry |
| value | Yes | The value to be checked against the Type pattern. |

Return value:

| Status | Return value |
|------------|--------------|
| Successful | true |
| Error | false |

4.9 addLog (msg_code, call, call_params, result, type)

Sets the passed values to the provided log level ,type'.

| Parameter | Mandatory | Value |
|-------------|-----------|----------------------------------|
| msg_code | Yes | A valid msg_code |
| call | Yes | Name of the function or action |
| call_params | No | Parameter for function or action |
| result | No | Result of the action |
| type | Yes | error / warning / info |

Return value: 0

4.10 addDebug (key,value)

Sets the debug value ,value' with key ,key'.

| Parameter | Mandatory | Value |
|-----------|-----------|-----------------------|
| key | Yes | Label for debug value |
| value | Yes | Value for debug |

Return value: 0

4.11 speaking (key)

The msg_code passed in key is searched and output in the language defined in the sysLang. If the msg_code does not exist in sysLang, the system will search in the English language. If msg_code is entered in none of the two languages, an unknown error message is issued with information about the key.

| Parameter | Mandatory | Value |
|-----------|-----------|---------------------|
| key | Yes | Code of the message |

Return value:

| Status | Return value |
|------------|--------------------------------|
| Successful | Error message in sysLang or EN |
| Error | General error message in EN |

4.12 reset

Sets each possible variable to prevent a PHP error message.

Return value: 0

4.13 autoSet

Sets the default parameters.

Return value: 0

4.14 clientConnect

Class call from SoapClient. Establishes a SOAP connection.

Return value: 0

5. Changing the language output

German and English already exist for the language outputs. It is possible to extend the SDK with various numbers of other languages. To prevent errors, we recommend copying an entire language array and renaming the language (de/en). Do not change the language EN as this language is used by the SDK when there is an error in the sysLang.

6. Contact & support

For technical integration questions and support please contact us directly at techsupport@paysafecard.com