

NOCTISONE
Wallet API
Version 0.1

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Introduction

The following Integration Guide is intended to assist your developers in the process of integration with Wallet API,

Functions

create-user

Function parameters

ID	Name	Description
1	email	char() - Email
2	password	char() - Password
3	firstName	char() - First Name
4	lastName	char() - Last Name
5	phone	char() - Phone #
6	address	char() - Address
7	city	char() - City
8	zipCode	char() - Zip Code
9	countryCode	char(2) - Country Code
10	apikey	char() - Api Key obtained from mobilopay system
11	signature	char() - Call signature

Returned values

ID	Name	Description
1	User Object	The user object created

Example call:

<https://www.walletendpoint.com/wallet/index.php/api/create-user?email=test@test.com&password=secret&firstName=John&lastName=Peter&phone=123456&address=sesamestreet&city=London&zipCode=BR42TR&countryCode=GB&apikey=YYYYYYYYYYYYYYYYYYYY&signature=e0c9035898dd52fc65c41454cec9c4d2611bf37>

user-set-email-verified

Function parameters

ID	Name	Description
1	email	<i>char()</i> - User Email
2	apikey	<i>char()</i> - Api Key obtained from mobilopay system
3	signature	<i>char()</i> - Call signature

Returned values

1	User Object	The user object created
1	User Object	The user object modified

Example call:

<https://www.walletendpoint.com/wallet/index.php/api/user-set-email-verified?email=test@test.com&&apikey=YYYYYYYYYYYYYYYYYYYY&signature=e0c9035898dd52fc65c41454cec9c4d2611bfb37>

get-user

Function parameters

ID	Name	Description
1	email	char() - User Email
2	apikey	char() - Api Key obtained from mobilopay system
3	signature	char() - Call signature

Returned values

ID	Name	Description
1	User Object	The user object

Example call:

<https://www.walletendpoint.com/wallet/index.php/api/get-user?email=test@test.com&&apikey=YYYYYYYYYYYYYYYYYYYY&signature=e0c9035898dd52fc65c41454cec9c4d2611bfb37>

transfer-money

Function parameters

ID	Name	Description
1	amount	Decimal(10,2) Amount to be

ID	Name	Description
		transferred
2	currency	char(3) - Currency
3	comment	char() - Transfer comment
4	fromEmail	char() - Email address of the source wallet
5	toEmail	char() - Email address of the destination wallet
6	apikey	char() - Api Key obtained from mobilopay system
7	signature	char() - Call signature

Returned values

ID	Name	Description
1	Transfer result	Result of transfer

Example call:

<https://www.walletendpoint.com/wallet/index.php/api/transfer-money?amount=10.00¤cy=EUR&comment=test&fromEmail=from@test.com&toEmail=to@test.com&apikey=YYYYYYYYYYYYYYYYYYYY&signature=e0c9035898dd52fc65c41454cec9c4d2611bfb37>

Computing signature

Signature is computed as the sha1 of the string resulting by the concatenation of all the call parameters including the api key and the supplied secret

Example:

```
sha1('5197X000000XXXXYYYYYYYYYYYYYYYYYYYYsecret')
= aa40abbd48065591daf8f4b0f6377da091dec01b
```

Remarks

All the results are JSON encoded.

All the examples are given using GET HTTP for illustration purposes, however HTTP POST calls should be used in production.

Glossary

1. JSON - short for **JavaScript Object Notation**, is a lightweight computer data interchange format. It is a text-based, human-readable format for representing simple data structures and associative arrays (called objects).

Bibliography

1. <http://en.wikipedia.org/wiki/JSON>
2. http://en.wikipedia.org/wiki/SHA_hash_functions