



CardPay API Reference

Version: 2.61

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Element	Attribute	Type	Description
	currency	String(3)	<u>ISO 4217</u> currency code
	email	String(256)	Customer's e-mail address
	customer_id	String(256)	Customer's ID in the merchant's system.
	authentication_request=false	Boolean	If set to "true", amount must not be present in request, no payment will be made, only cardholder authentication will be performed. Also can be used to generate Card Token. The default value is "false".
	locale=en	String(2)	Preferred locale for the payment page (<u>ISO 639-1</u> language code). "en" stands for the default value. Also the default locale (en) will be applied if the selected locale is not supported. Supported locales are: az ar, hy, bg, cs, el, en, es, id, ja, ka, hu, ms, pt, ro, ru, sr, tr, th, uk, vi, zh.
	note	String(100)	Note about the order that will not be displayed to customer.
	return_url	String	Overrides default success URL, decline URL and cancel URL.
	success_url	String	Overrides default success URL only. See section <u>Return URLs</u> .

Element	Attribute	Type	Description
	decline_url	String	Overrides default decline URL only. See section <u>Return URLs</u> .
	inprocess_url	String	Overrides default In process URL only. See section <u>Return URLs</u> .
	cancel_url	String	Overrides default cancel URL only. See section <u>Return URLs</u> .
order/shipping		List of <u>shipping</u> element	Represents an address where the order will be delivered to. See <u>shipping</u> element structure below
order/items		List of <u>item</u> element	List of order positions (items in the shopping cart). See <u>item</u> element structure below
order/flights		List of <u>flight</u> element	List of flights and passenger information for airlines. See <u>flight</u> element structure below

Shipping Element Structure

SHIPPING is the address where the order will be delivered. It is used in Anti-fraud System and also can be seen in Payment Manager. But it may be omitted and all the fields of it except country may be omitted too.

Element	Attribute	Type	Description
shipping	country	String(3)	<u>ISO 3166-1</u> code of delivery country: 2 or 3 latin letters or numeric code
	state	String(20)	Delivery state or province. May include whitespaces, hyphens, apostrophes, commas and dots
	zip	String(12)	Delivery postal code
	city	String(20)	Delivery city. May include whitespaces, hyphens, apostrophes, commas and dots
	street	String(2-100)	Delivery street address. May include whitespaces, hyphens, apostrophes, commas, quotes, dots, slashes and semicolons
	phone	String(5-20)	Valid customer phone number

Item Element Structure

Item element represents individual order item or service.

Element	Attribute	Type	Description
item	name	String(50)	The name of product / service, provided to the customer
	description	String(200)	The description of product / service, provided to the customer
	count	Numeric	The count of product / service, provided to the customer. Any positive number
	price	Decimal	Price of product / service with dot as a decimal separator, must be less than 100 millions

Flights Element Structure

Flights element represents common airlines information for the whole travel like passenger name or travel agency. Each flight element represents a separate flight. Since flights order matters it is recommended to additionally control it by adding index attribute to each flight element.

Element	Attribute	Type	Description
flights	passenger_name	String(20)	The name of the passenger using only latin alphabet
	origination_code	String(3)	Airport of origination code
	departure_date	String(10)	Departure date in DD.MM.YYYY format
	travel_agency_code	String(8)	Travel agency code
	travel_agency_name	String(25)	Travel agency name using only latin alphabet
	computerized_res_system	String(4)	Computerized reservation system code
	credit_reason_indicator	String(1)	Credit reason indicator
	ticket_change_indicator	String(1)	Ticket change indicator
	is_restricted	Boolean	Restricted ticket indicator
	index	Numeric	Sequence number of a flight
flights/flight	number	String(5)	Flight number
	carrier_code	String(2)	Carrier code
	destination_code	String(3)	Airport of destination code
	service_class_code	String(1)	Service class code
	fare_basis_code	String(6)	Fare basis code
	stop_over_code	String(1)	Stop over code

Calculating Digest

Digest is used for authentication and protecting the message from changes. It is calculated from the orderXML and the Secret Word you received with your Wallet ID.

For example if you have following access parameters:

- Wallet ID = 21
- Secret Word = se1cr2et3w0r4d

And you are sending the following order:

```
<order wallet_id="21" number="458210" description="Best ever seen T-Shirts" currency="USD" amount="291.86" email="customer@example.com"/>
```

Then you'll need to calculate SHA-512 digest of the following string:

```
"<order wallet_id="21" number="458210" description="Best ever seen T-Shirts" currency="USD" amount="291.86" email="customer@example.com"/>se1cr2et3w0r4d"
```

That will result in the following:

```
8877da7b52eea2266d9b4f2c7dd4630dd3ea6d1e066a3f2f0921b5163196095a3a7028ba5cf80671471f313719325de1c694f3a9927eaa7cc6370e6ddbe82d3d
```

And these will be the parameters to be sent to API:

- **orderXML** =
PG9yZGVyIHdhbGxldF9pZD0iMjEiIG51bWJlcj0iNDU4MjEwliBkZXNjcmlwdGlvdj0iQmVzdCBldmVlIHNIZW4gV
C1TaGlydHMilGN1cnJlbnN5PSJVU0QilGFtb3VudD0iMjEiIG51bWJlcj0iNDU4MjEwliBkZXNjcmlwdGlvdj0iQmVzdCBldmVlIHNIZW4gV
iLz4=
• **sha512** =
8877da7b52eea2266d9b4f2c7dd4630dd3ea6d1e066a3f2f0921b5163196095a3a7028ba5cf80671471f3137193
25de1c694f3a9927eaa7cc6370e6ddbe82d3d

Response

After request is completed, the Customer is directed to **Return URLs**.

Return URLs

Return URLs are the URLs where customer returns after checkout page request or by pressing "Back to the shop" / "Cancel" button.

URL Selection

There can be 3 different URLs:

- Success URL: where Customer returns after successful checkout page request
- Decline URL: where Customer returns after failed checkout page request
- Cancel URL: where Customer returns when no method selected

By default they all point to the Shop's home page. The default URLs can be changed only by CardPay manager, but they can be sent with each request

Changelog

2018-11-15 - 2.62

- Checkout docs was added