

Payment request

POST request to <https://pay.bitcoinus.io/do>

PARAMETERS:

data - transaction data object in JSON format

items (optional) - array of objects with information about product items being purchased, in JSON format

signature - HMAC-SHA-256 hash of data parameter with project secret as a key

DESCRIPTION OF “data” PARAMETER:

pid - Project ID (required)

orderid - Client side order ID (required)

amount - Payment amount (required)

currency - Payment currency (required)

lang - Two characters session language code (defaults to EN)

name - Client’s full name

email - Client’s email

street - Client’s street address

redirect - relative redirect path (required)

back - relative path, user is redirected there once the payment is cancelled by user (required)

timeout - relative path, user is redirected there once payment timeout is reached, if empty “back” path used instead

test - Test mode (defaults to 0), 1 is on

DESCRIPTION OF “items” PARAMETER:

Array of objects containing information about product(s) being purchased by user. It is useful for merchants who want their clients to see information about purchased items during processing payment. If this parameter is not provided, total amount without any details about items being purchased will be shown to user.

Array format:

```
[0] => {
  items->title // item description, required if items parameter used
  items->qty // item quantity, defaults to 0
  items->price // item price, required if items parameter used
}
[1] => {
  items->title
  items->qty
  items->price
}
```

...

CODE EXAMPLE:

Laravel/guzzle method sample code.

```
{
    $project_secret_key = '12345';
    $data = json_encode((object) [
        'pid' => $request['pid'],
        'orderid' => $request['orderid'],
        'currency' => $request['currency'],
        'amount' => $request['amount'],
        'name' => $request['name'],
        'email' => $request['email'],
        'street' => $request['street'],
        'redirect' => $request['redirect'],
        'back' => $request['back'],
        'timeout' => $request['timeout'],
        'test' => $request['test']
    ]);

    $client = new Client();
    $request = $client->request('POST', 'https://pay.bitcoinus.io/do', [
        'form_params' => [
            'data' => $data,
            'signature' => hash_hmac('sha256', $data, $project_secret_key)
        ]
    ]);
    $response = $request->getBody();
    return $response;
}
```

Callback

POST request performed to project Callback URL

PARAMETERS:

data - data object in JSON format

signature - HMAC-SHA-256 hash of data parameter with project secret as a key. You can use this signature once you want to validate callback.

DESCRIPTION OF “**data**” PARAMETER:

pid - Project ID

orderid - Client side order ID

status - Payment status (1 is “succeeded”, 2 is “failed”)

currency - Payment currency

amount - Payment amount

name - Client’s full name

email - Client’s email

street - Client’s street address

test - Test mode (0 is “no”, 1 is “yes”)

SIGNATURE VALIDATION PHP CODE EXAMPLE:

```
// check signature
$signature_local = hash_hmac('sha256',$data,$project_secret_key);
if ($signature_local != $signature_received) return 'Invalid signature';
```