Sample response:

```
{
  "id": "r33crz06i0gf5",
  "attempts": [],
  "created_at": 1539177769,
  "amount": 1000,
  "currency": "usd",
  "authorized": true,
  "captured": false,
  "captures": [],
  "refunded": false,
  "refunds": [],
  "voided": true,
  "voids": [
    {
      "id": "54cr3kendrgfd",
      "created_at": 1539177769,
      "status": "succeeded",
      "extra_data": {}
    }
  ],
  "chargeback": null,
  "reference": "b138bc50148440ee",
  "order_reference": null,
  "card": {
    "id": "mzivhql5yi9rf",
    "customer": {
      "id": "mhtaqdb4edvrf"
    }
  },
  "decline_reason": null,
  "extra_data": {}
}
```

Straal.js

Overview

Straal.js is a helper library to make it easier to make API requests directly from merchant's website.
It utilizes client-side encryption and sends data over HTTPS to make secure transactions.

Download

You can download Straal.js from Straal GitHub or add it to your project using NPM:

```
npm i --save https://github.com/straal/StraalJS.git#1.0.0
```

Usage

In order to perform a transaction request directly from your website you have to do the following:

1. Create a CryptKey on your application backend.
2. Pass the generated `CryptKey` to frontend part of your site (via request or templating).
3. Pass `CryptKey` into Straal.js client code.

Notifications

Overview

Straal can notify your backend about certain events. For example, when we charge customer
subscription, or after a transaction performed by your user from a mobile device. The notification is
a regular HTTP request with JSON-formatted data.

Request finished

Event name: `request_finished`

If you are using Straal Checkout Page, we strongly recommend you handle the Checkout attempt
finished notification instead.

When configured, this notification is sent each time when a transaction-related request is made. It
contains the entire response body along with some extra information. Configuring this notification
is highly recommended for clients sending encrypted requests directly from their website or a

straal API REFERENCE

```json
{
  "event": "request_finished",
  "data": {
    "path": "/v1/cards/mzivhql5yi9rf/transactions",
    "permission": "v1.transactions.create",
    "auth_method": "cryptkey",
    "cryptkey": {
      "id": "70xfzmynzgkih"
    },
    "request_id": "0e04ead77926441c9369f1932ddd13c8",
    "response": {
      "id": "f9g63mazh1wi1",
      "attempts": [],
      "created_at": 1470238921,
      "amount": 999,
      "currency": "usd",
      "authorized": true,
      "captured": true,
      "captures": [
        {
          "id": "qkymdfy2jbui1",
          "created_at": 1470239156,
          "amount": 999
        }
      ],
      "refunded": false,
      "refunds": [],
      "voided": false,
      "voids": [],
      "chargeback": null,
      "reference": "b138bc50148440ee",
      "order_reference": null,
      "card": {
        "id": "mzivhql5yi9rf",
        "customer": {
          "id": "mhtaqdb4edvrf"
        }
      },
      "decline_reason": null,
      "extra_data": {}
    }
  }
}
```

Checkout Page

These notifications are sent only for transactions made via Straal Checkout Page.

Checkout attempt finished

Event name: `checkout_attempt_finished`

This notification is sent when a single payment attempt via Straal Checkout Page is finished.

Sample notification:

```json
{
  "event": "checkout_attempt_finished",
  "data": {
    "checkout": {
      "id": "iqxjxcr01hcko",
      "af_profiling_reference": null,
      "af_user_reference": null,
      "amount": 1000,
      "checkout_url": "https://checkout.straal.com/f4k3",
      "created_at": 1554385200,
      "currency": "pln",
      "customer": {
        "id": "c0cxh9x04xikh"
      },
      "extra_data": {},
      "failure_url": "https://yourproduct.com/payment_succeeded",
      "merchant_image": null,
      "order_description": null,
      "order_reference": "some_order_reference",
      "return_url": "https://yourproduct.com/payment_failed",
      "ttl": 600,
      "use_3ds": true
    },
    "checkout_attempt": {
      "id": "hj9cxs20d0cki",
      "af_attempt_reference": null,
      "authentication_3ds": {
        "id": "dfa234gatkgh5"
```