

Stripe Checkout Pages Using PHP

Making Checkout Pages

Introduction

With Lon Hosford

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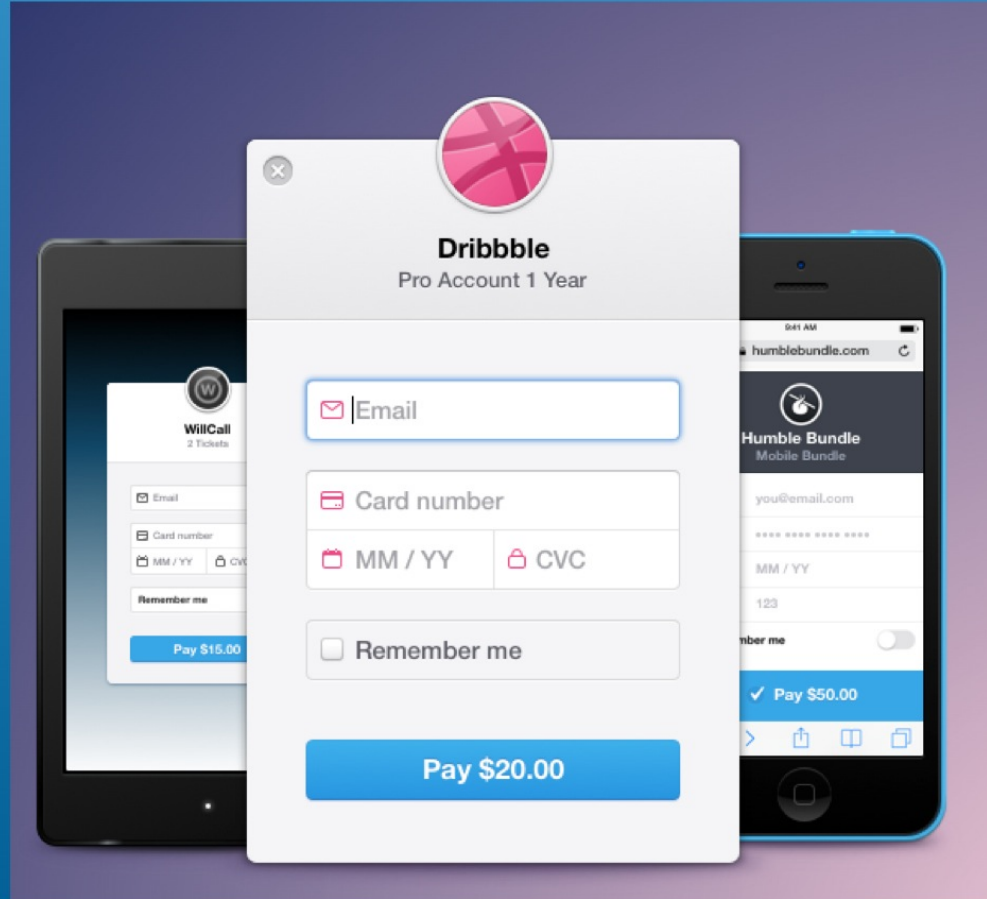
This is a Visual Step by Step Workbook and voice transcript for accompanying video for this portion of the course.

Introduction



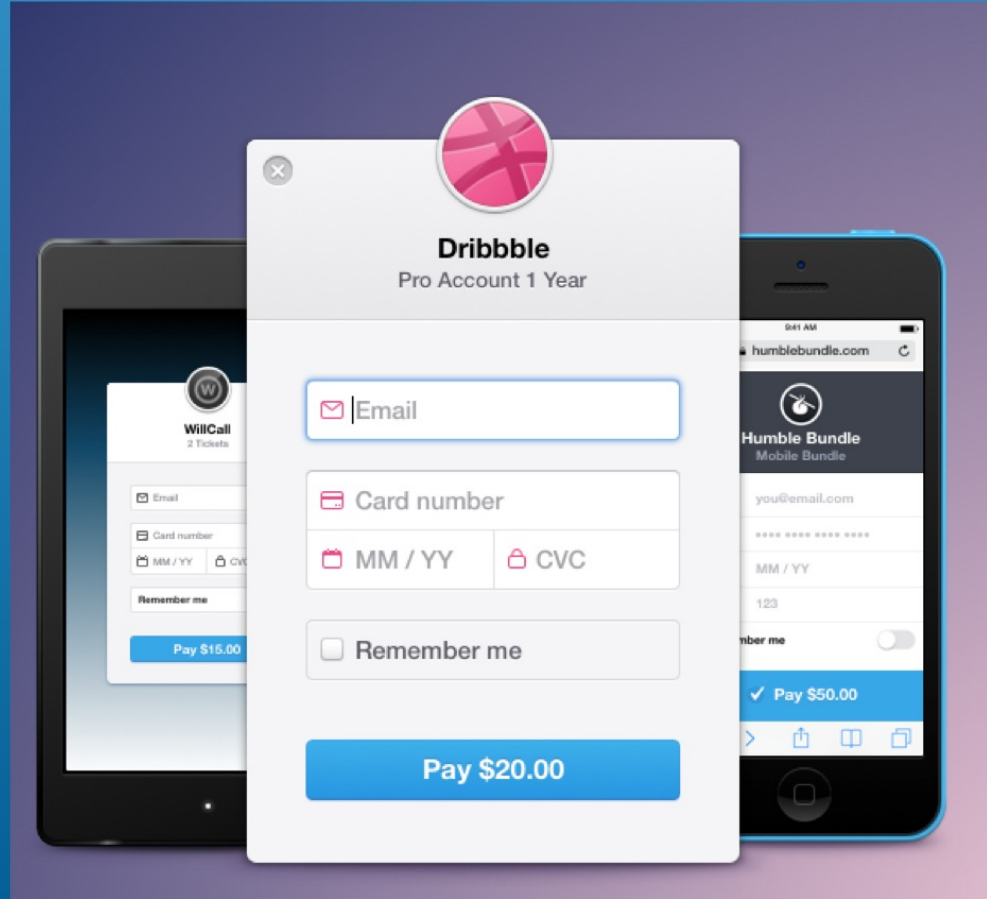
All ready to start learning how to take bank card payments using Stripe and PHP?
Well lets start out with a brief introduction to the course content.

Stripe Checkout Form



Our focus is to make use of the Stripe multiple device checkout form.

Stripe Checkout Form



You can use it to do a lot of the heavy lifting for eCommerce.
For example you will not need keep any sensitive customer payment data on your servers.

Stripe PHP

Built for developers

Robust, clean APIs that let you focus on building great products.

```
1 \Stripe\Stripe::setApiKey("sk_test_yPUoCZDBXhng6B3ycQB")
2
3
4 \Stripe\Charge::create(array(
5     "amount" => 400,
6     "currency" => "usd",
7     "source" => array(
8         "number" => "4242424242424242",
9         "exp_month" => 7,
10        "exp_year" => 2016,
11        "cvc" => "314"
12    ),
13    "description" => "Charge for test@example.com"
14));
```

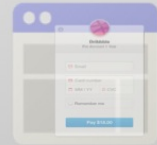


Stripe also has a robust API.
You can use it with PHP as well as with other languages.

Curriculum Overview



Development Environment Setup



Stripe Embedded Checkout Form



Use Stripe API to Charge a Card



Integrate Stripe JS and Ajax

This course starts with how to set up the development environment to use Stripe.

Curriculum Overview



Development Environment Setup



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Integrate Stripe JS and Ajax

If you have an up to date PHP web server running at your disposal, you are just about all set. But if not, we will outline all that you need to have one in place.

Curriculum Overview



~~file:///~~

http://domain_or_localhost



https://domain_or_localhost

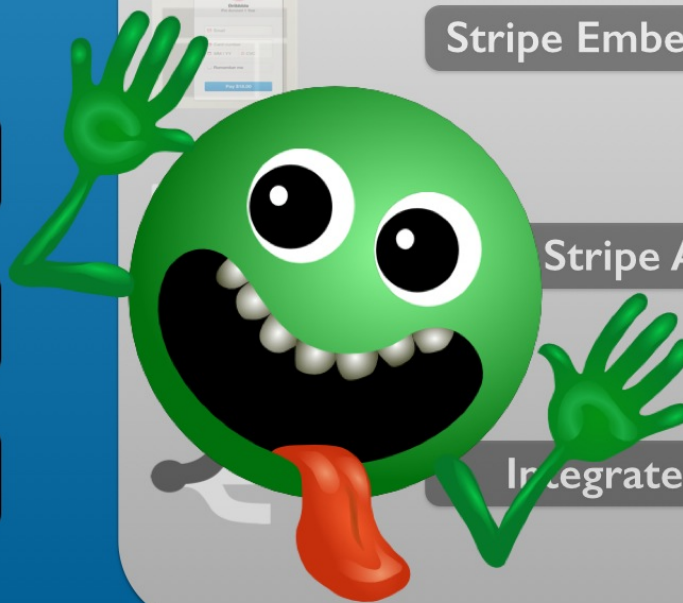


Development Environment Setup

Stripe Embedded Checkout Form

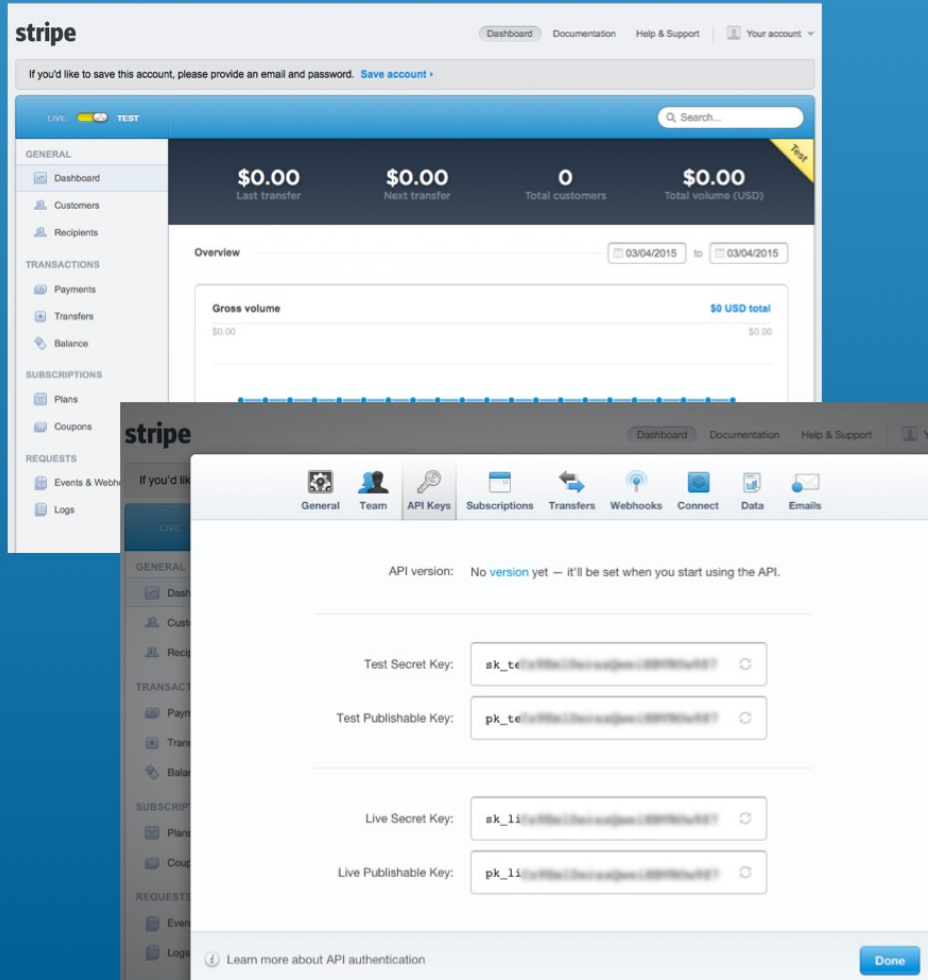
Stripe API to Charge a Card

Integrate Stripe JS and Ajax



You may know that a digital certificate is expected for eCommerce.
We will make recommendations depending on your goals.
But do not panic, as you can follow the course without one.

Curriculum Overview



Development Environment Setup

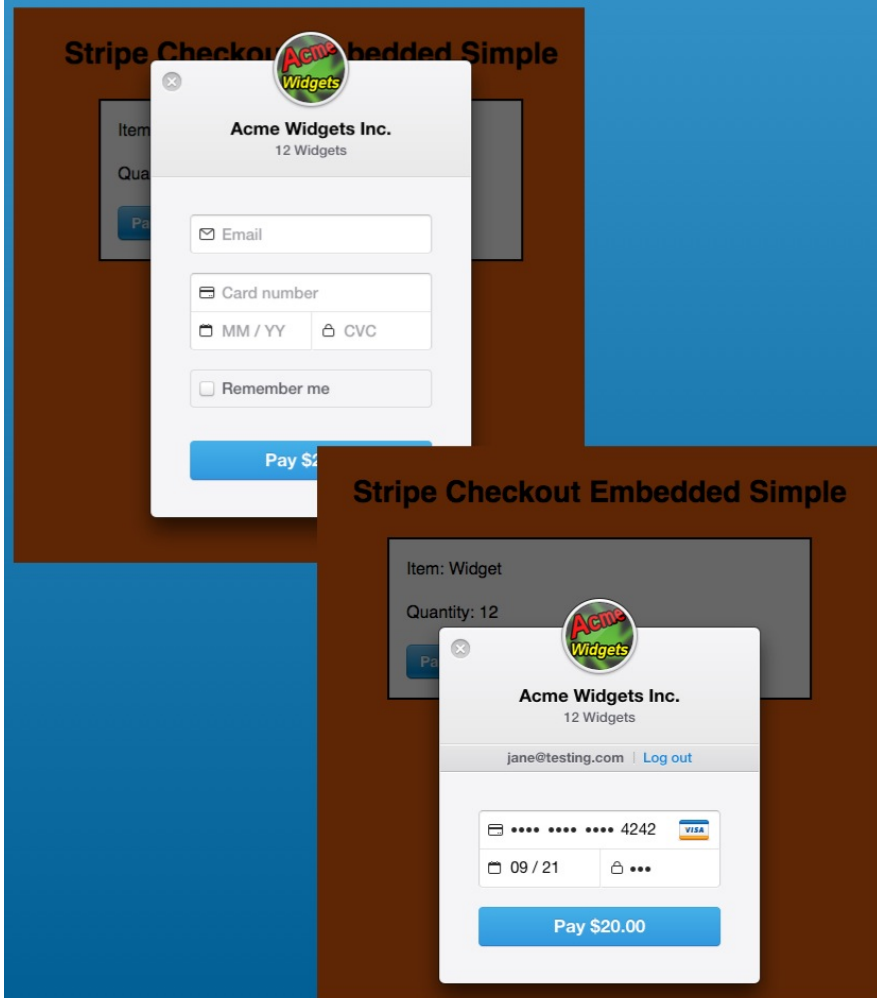
Stripe Embedded Checkout Form

Use Stripe API to Charge a Card

Integrate Stripe JS and Ajax

You also will be needing a Stripe account.
We will walk you through all of what you need to set one up for the course.
And also we will cover that for live deployment.

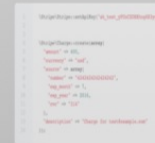
Curriculum Overview



Development Environment Setup



Stripe Embedded Checkout Form



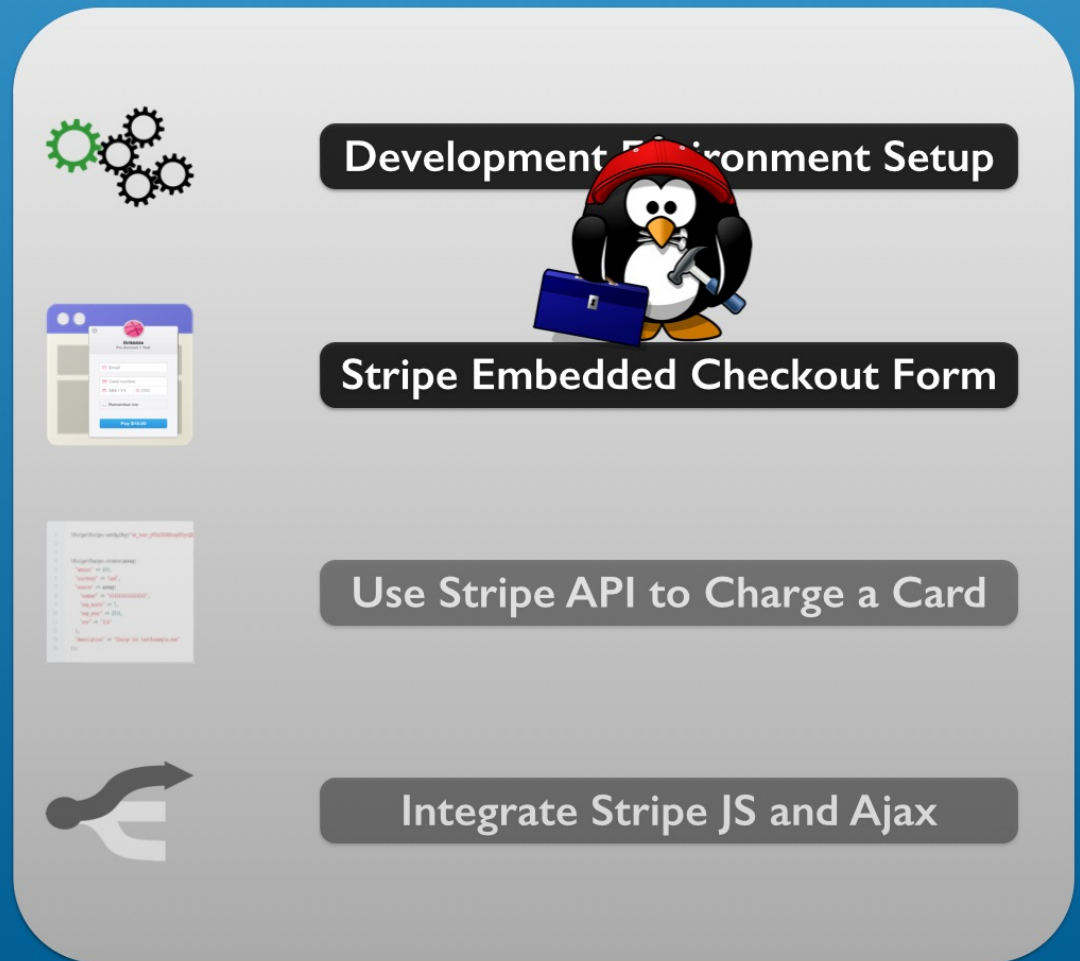
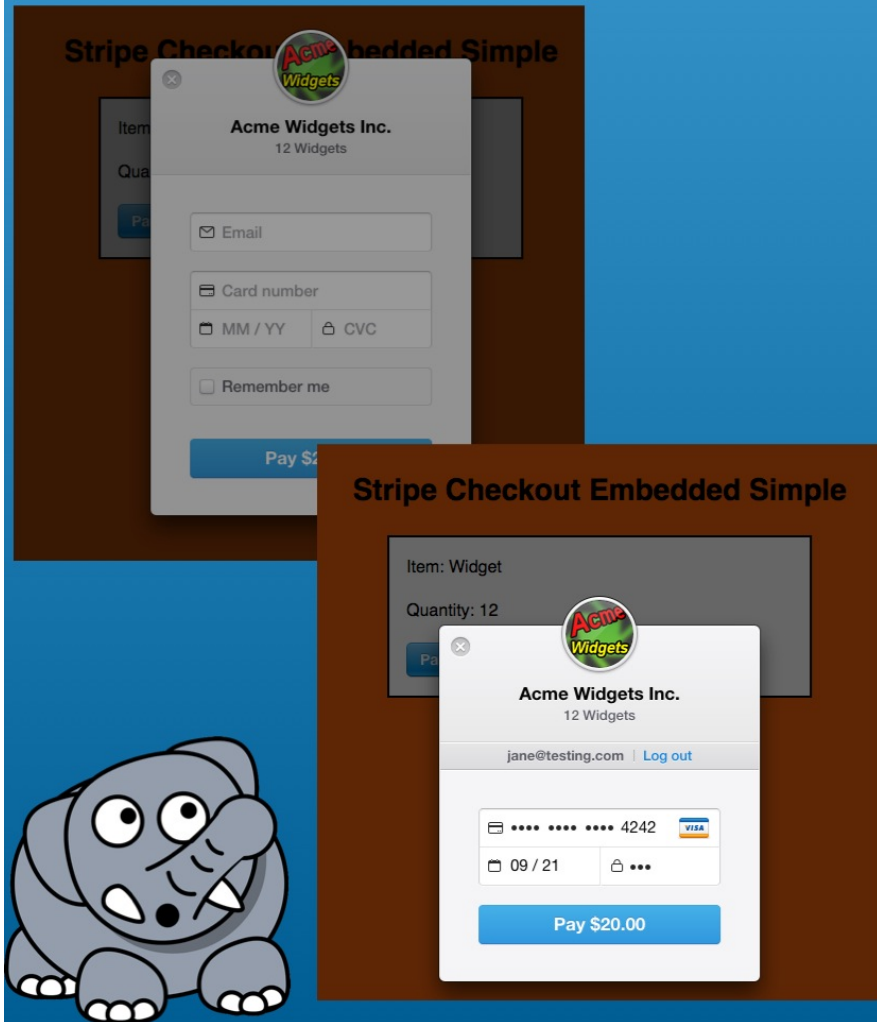
Use Stripe API to Charge a Card



Integrate Stripe JS and Ajax

Then you learn about the Stripe checkout form from the user's experience. We will go behind the scenes to see just how the banking data approval works.

Curriculum Overview



You also experience what it is like to be a "Remember Me" customer.
This is a neat Stripe feature that lets customers save their banking data for your web site.

Curriculum Overview

```
1 \Stripe\Stripe::setApiKey("sk_test_yPUoCZDBXhng6B3ycQ")
2
3
4 \Stripe\Charge::create(array(
5     "amount" => 400,
6     "currency" => "usd",
7     "source" => array(
8         "number" => "4242424242424242",
9         "exp_month" => 7,
10        "exp_year" => 2016,
11        "cvc" => "314"
12    ),
13    "description" => "Charge for test@example.com"
14 ));
```



Development Environment Setup



Stripe Embedded Checkout Form



Use Stripe API to Charge a Card



Integrate Stripe JS and Ajax

Then we will do some coding using the Stripe API.
We do that through the free library that Stripe provides to PHP developers.

Curriculum Overview

stripe api

API

Introduction

Authentication

Errors

Pagination

Versioning

Expanding objects

Metadata

Idempotent requ...

METHODS

Charges

The charge object

Create a charge

Retrieve a charge

Update a charge

Capture a charge

List all charges

Refunds

The charge object


ATTRIBUTES

id	string
object	string, value is "charge"
livemode	boolean
amount	Amount charged in cents positive integer or zero
captured	If the charge was created without capturing, this boolean represents whether or not it is still uncaptured or has since been captured. boolean
created	


curl Ruby Python PHP Java Node Go

Example Response


```
Stripe\Charge JSON: {
  "id": "ch_15ggY5IIpyNluc9Sk60Bc0sg",
  "object": "charge",
  "created": 1426444397,
  "livemode": false,
  "paid": true,
  "status": "succeeded",
  "amount": 2000,
  "currency": "usd",
  "refunded": false,
  "source": {
    "id": "card_15ggY5IIpyNluc9SYdGgDHZq",
```




Development Environment Setup



Stripe Embedded Checkout Form



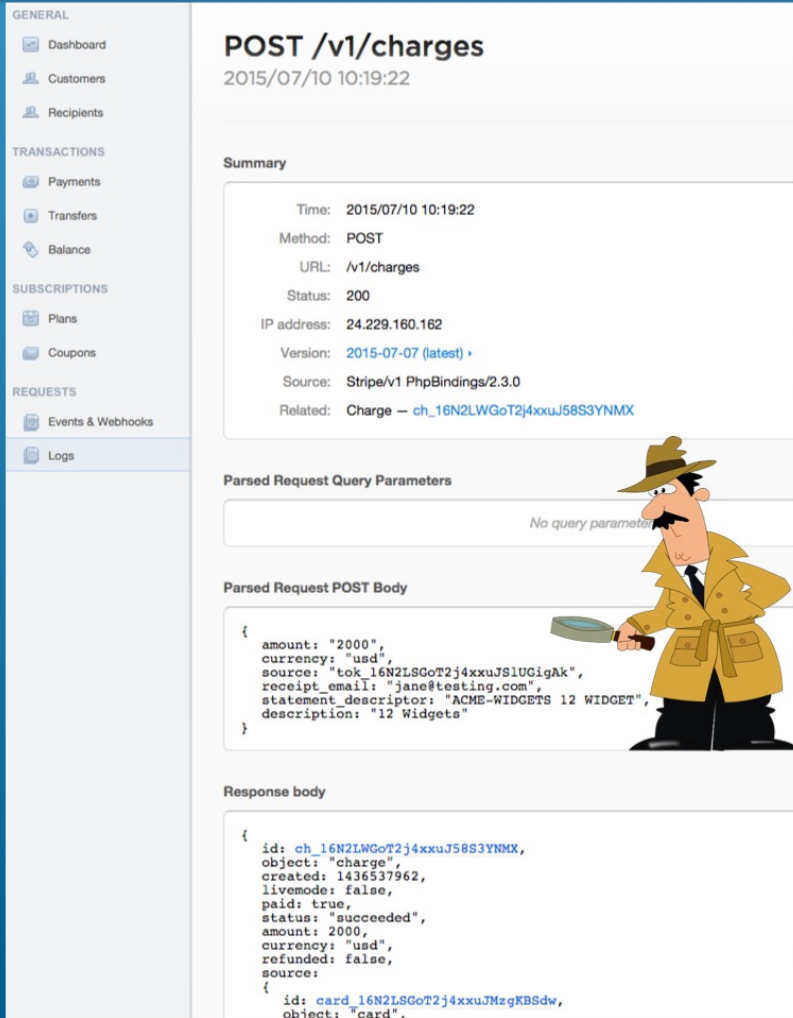
Use Stripe API to Charge a Card



Integrate Stripe JS and Ajax

As we do we will learn how to use the Stripe PHP library documentation. All the possible requests and responses are described there. This includes all the data sent and returned by the Stripe servers.

Curriculum Overview



The screenshot shows the Stripe Dashboard interface. On the left is a sidebar with navigation links: GENERAL (Dashboard, Customers, Recipients), TRANSACTIONS (Payments, Transfers, Balance), SUBSCRIPTIONS (Plans, Coupons), and REQUESTS (Events & Webhooks, Logs). The main panel displays details for a POST request to `/v1/charges` on 2015/07/10 at 10:19:22. A cartoon detective character is overlaid on the 'Parsed Request POST Body' section.

POST /v1/charges
2015/07/10 10:19:22

Summary

- Time: 2015/07/10 10:19:22
- Method: POST
- URL: /v1/charges
- Status: 200
- IP address: 24.229.160.162
- Version: 2015-07-07 (latest) +
- Source: Stripe/v1 PhpBindings/2.3.0
- Related: Charge — `ch_16N2LWGoT2j4xxuJ58S3YNMX`

Parsed Request Query Parameters

No query parameters

Parsed Request POST Body

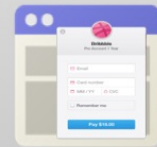
```
{  "amount": "2000",  "currency": "usd",  "source": "tok_16N2LSGoT2j4xxuJ58S3YNMX",  "receipt_email": "jane@testing.com",  "statement_descriptor": "ACME-WIDGETS 12 WIDGET",  "description": "12 Widgets"}
```

Response body

```
{  "id": "ch_16N2LWGoT2j4xxuJ58S3YNMX",  "object": "charge",  "created": 1436537962,  "livemode": false,  "paid": true,  "status": "succeeded",  "amount": 2000,  "currency": "usd",  "refunded": false,  "source": {    "id": "card_16N2LSGoT2j4xxuJ58S3YNMX",    "object": "card",
```



Development Environment Setup



Stripe Embedded Checkout Form



Use Stripe API to Charge a Card



Integrate Stripe JS and Ajax

We also make a point to follow the data to the Stripe servers and back. We do that with the Stripe Dashboard. This will increase your effectiveness when testing and troubleshooting.

Curriculum Overview

Stripe Checkout Embedded Simple Using Ajax

Item: Widgets
Quantity: 12

Checkout

Stripe Checkout Embedded Simple Using Ajax

Item: Widgets
Quantity: 12

Processing ...

Stripe Checkout Embedded Simple Using Ajax

Item: Widgets
Quantity: 12

Thank you for your order.

Stripe Checkout Embedded Simple Using Ajax

Item: Widgets
Quantity: 12

Something Went Horribly Wrong!



Development Environment Setup



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Integrate Stripe JS and Ajax

And we finish with an integrated working example.

It may not look like much, but it has all the components and a framework that you can build upon.

About You



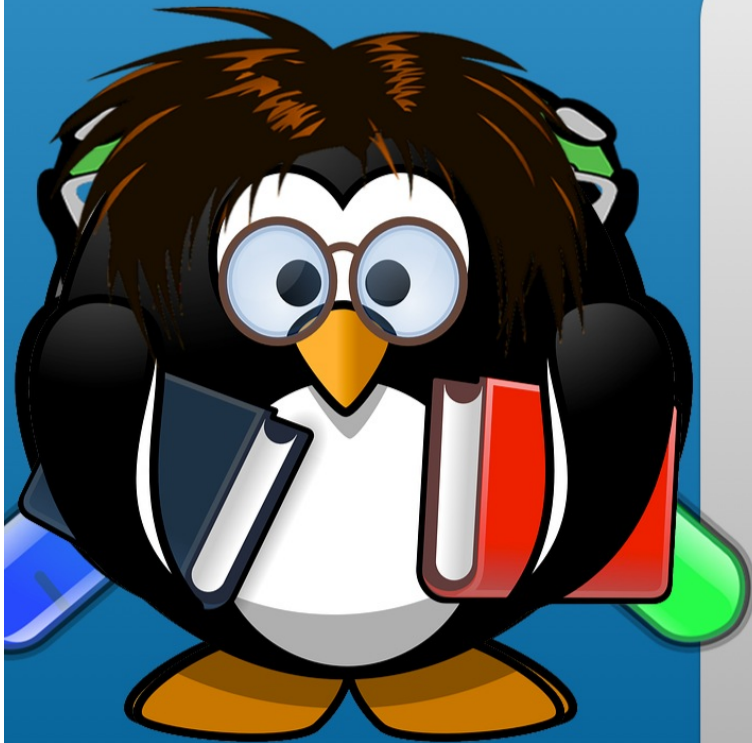
Beginner to Intermediate Skills Lite Experience



Web Server with PHP

This course for the newcomer to PHP, Stripe and web development.
If you have some light experience with all of these technologies, you should be good to go.

About You



Beginner to Intermediate Skills Lite Experience



Web Server with PHP

But we intend to work professionally.
So everything you learn has a good foundation in best practices and usefulness.
And yes that includes testing our work as we go.

About You



Beginner to Intermediate Skills
Lite Experience



Web Server with PHP

And if you find something that you need help on, do not hold back no matter how insignificant you think it is.

Often others may have the same need and it helps us all by sharing.

Wrap Up



Well thats our first wrap.

Take a look at the Instruction Guide to help get a sense for how the course files are organized and presented.

See you at the next session.

Stripe Checkout Pages Using PHP

Making Checkout Pages

Introduction

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