

Stripe Checkout Pages Using PHP

Using Stripe JS and AJAX

Overview

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.

Using Stripe JS and AJAX



All ready to get working on our next section?
We are going to start using Stripe JS with AJAX.

Using Stripe JS and AJAX



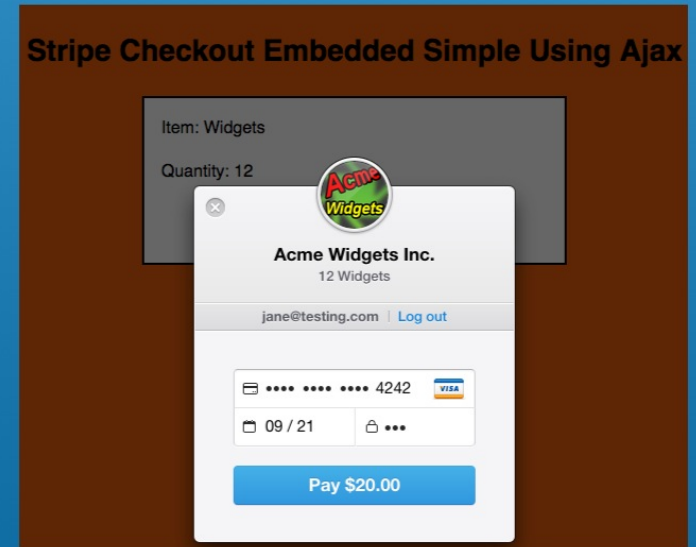
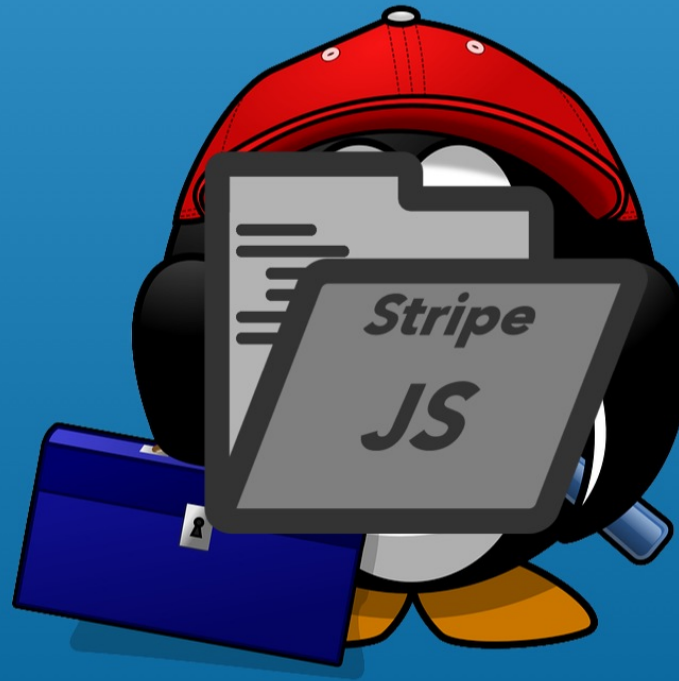
This starts our path towards customizing our Stripe based order processing. But nothing overly elaborate yet.

Using Stripe JS and AJAX



We will start with small changes to get the basics hammered out.

What is Stripe JS?




Stripe JS is the Javascript library used for the Stripe Checkout form.

What is Stripe JS?





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<https://checkout.stripe.com/checkout.js>

It is the checkout.js file that downloads from Stripe.

What is Stripe JS?

Configuration Options

Required

Option	Description
key	Your publishable key (test or live).
token	The callback to invoke when the Checkout process is complete. function(token) token is the token object created. token.id can be used to create a charge or customer. token.email contains the email address entered by the user.

Highly recommended

Option	Description
image	A relative URL pointing to a square image of your brand or product. The recommended minimum size is 128x128px. The recommended image types are .gif, .jpeg, and .png.
name	The name of your company or website.
description	A description of the product or service being purchased.
amount	The amount (in cents) that's shown to the user. Note that you will still have to explicitly include it when you create a charge using the Stripe

Optional

Option	Description
currency	The currency of the amount (3-letter ISO code). The
panelLabel	The label of the payment button in the Checkout form. "Pay {{amount}}", etc.). If you include <code>{{amount}}</code> , it will be the provided amount. Otherwise, the amount will be appended to the end of your label.

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We will look at how to use it with our own Javascript.
Stripe JS provides options to configure the checkout form.
And we can capture data from the form when it closes.

What is Stripe JS?

Simple Custom

The *custom* integration allow you to use your own custom button with our JavaScript API. This permits any HTML element or JavaScript event to start a Checkout payment.

When your page loads, you should create a handler object using `StripeCheckout.configure()`. You can call `open()` on the handler in response to any event. If you need to abort the Checkout process—for example, when navigation occurs in a single-page application—you can call `close()` on the handler. The `key` parameter, and all callback parameters (e.g. `token`), should be passed to `configure()`. Any other options can be passed to either `configure()` or `open()`.



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And it provides an easy to use interface of methods that we can call.

What is Stripe JS?

Simple Custom

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For example we can open and close the checkout form in our Javascript code.

Using AJAX with Stripe JS


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And we can do that with our own customized button instead of the Stripe default button.

Using AJAX with Stripe JS

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Checkout

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Stripe JS provides a notification when the user successfully checkouts.

Using AJAX with Stripe JS



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We can then respond using our own Javascript and libraries like JQuery.

Using AJAX with Stripe JS



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That lets us take advantage of AJAX.

For example we can communicate with our server to complete the charge.

Using AJAX with Stripe JS



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Stripe Checkout Embedded Simple Using Ajax

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Processing ...

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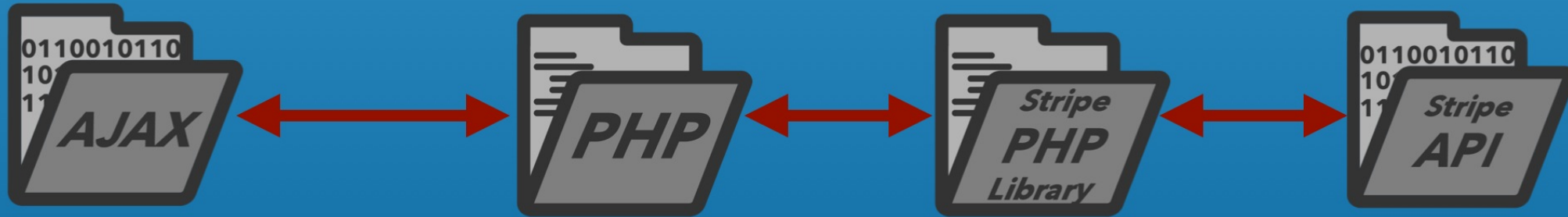
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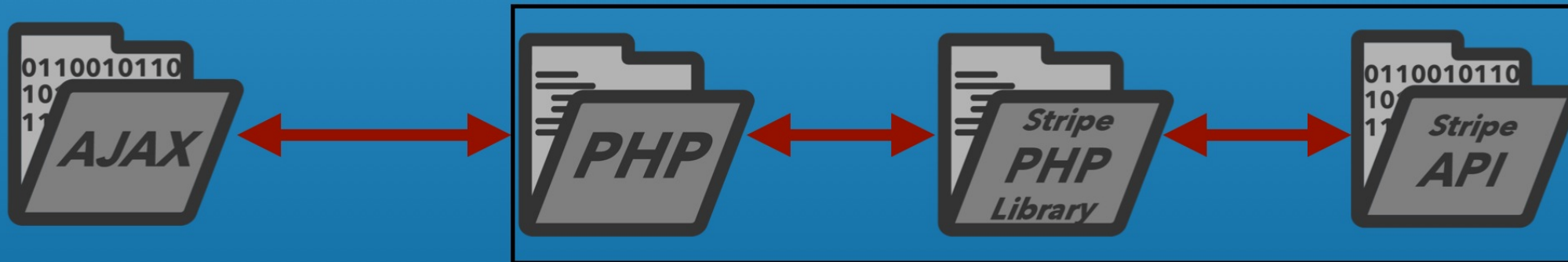
We can also change the UI messaging while that occurs.
For example displaying a processing message while the charge is completing.

Using AJAX with Stripe PHP Library



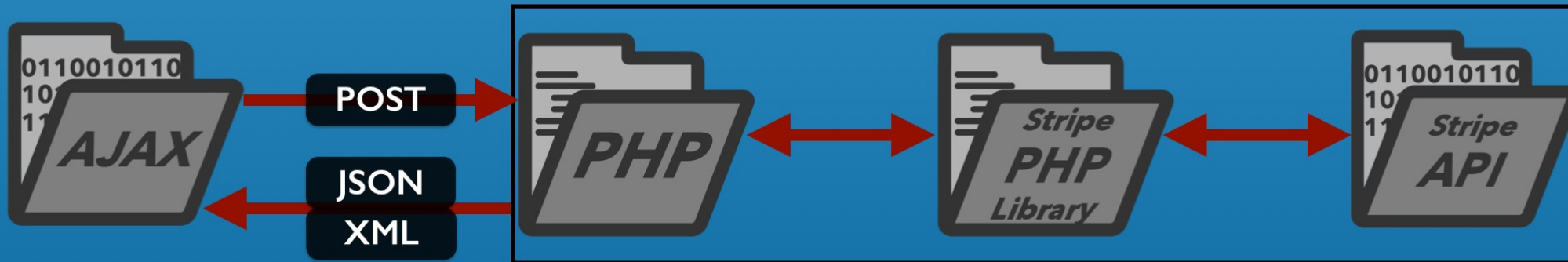
With AJAX we can create our own PHP services that use Stripe independent of our UI.

Using AJAX with Stripe PHP Library



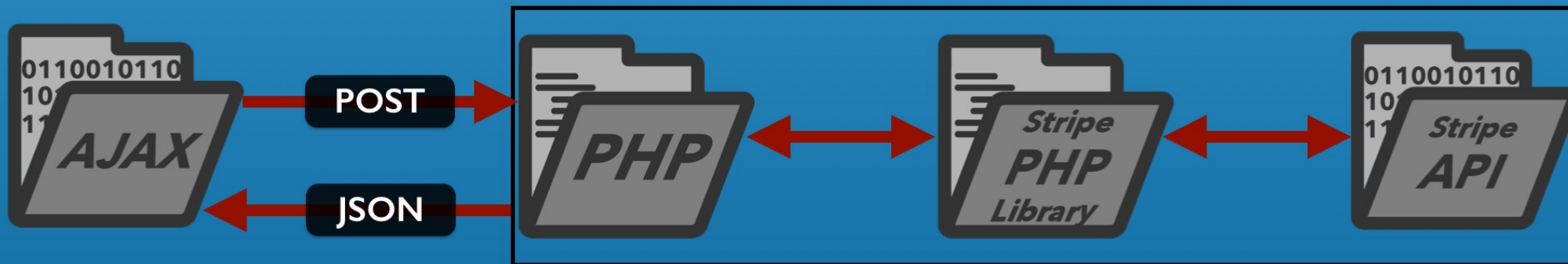
This architecture is the foundation for decoupling the UI and the backend transaction processing.

Using AJAX with Stripe PHP Library



This gives you flexibility on how to send and receive data between the UI and the services that we create.

Using AJAX with Stripe PHP Library



Specifically we will be working with the POST and JSON data formats. We will send transaction information using POST. And then retrieve results using JSON.

Using AJAX with Stripe JS



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Processing ...

Stripe Checkout Embedded Simple Using Ajax

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Thank you for your order.

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Something Went Horribly Wrong!

When processing completes we can update the UI with meaningful messages explaining the results.

Building a Custom Stripe JS Framework

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When we are done with this section you will have a basic UI framework to build more complex order processing that uses Stripe.

Wrap Up



Well that's it!
You are all ready to go.
See you at the first session.

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