



Quickstart

How to build a web page that accept bitcoin payments.

<https://bips.me>

BIPS is one of the best bitcoin merchant solution around right now. Part of the reason for this is because BIPS is easy to use and has an abundance of withdrawal options.

The good news: It's not that hard to get started making your own web page accepting bitcoin as payment.

In this quickstart we'll take you from creating the most simple Hello World Bitcoin (no HTML or PHP knowledge required) to a more complex online service accepting bitcoin as payment for services or goods. Let's get started down your path towards becoming a BIPS guru.

About BIPS

Lead Developer of BIPS, Kris Henriksen released his first bitcoin service - a Bitcoin mining pool called [Gbyte](#) in 2010 followed by a bitcoin miner monitoring service [BitMon](#) in 2011. This gave him a taste for more and was soon followed up with the release of WalletBit - a Bitcoin payment gateway in 2011. Built upon all this previous Bitcoin experience, BIPS was created in 2013

In this quickstart we will be concentrating around utilizing Bitcoin Internet Payment System, BIPS.

Tutorial

Today you will be given a walkthrough on how to make your first simple Hello Bitcoin web page. Then we'll be making a light version of a shopping cart that allows customers to purchase goods and checkout with BIPS. So let's get started!

Note: *While the Hello Bitcoin web page requires zero knowledge of HTML or PHP, the second half of this Quickstart requires an understanding of both. To make it to the end of this Quickstart, some experience will be necessary.*

What You Need to Know Before You Start

If you're comfortable putting together a website—that is, you know a little HTML and are familiar with PHP—this tutorial shopping cart will be easy for you. If you're new to HTML and PHP, our beginner's guides for [learning to code](#) and [how to make a web site](#) are great tools to help get you started.

Beyond these two core competencies, there's really nothing special you need to know.

Accepting bitcoin payments with BIPS are delightfully easy if you've ever spent any time making web pages or hacking away with websites, and even if you're only a beginner in those arenas, you can probably pull off managing payments with BIPS. So let's begin.

Our Project: From "Hello Bitcoin" to Shopping Cart

For the purpose of this quickstart, we're going to start with a "Hello Bitcoin" web page. If you're new to programming, the classic "Hello World" program is a rite of passage for getting started with any language, framework, or project, and its goal is simply to create something capable of outputting the text "Hello World".

After we finish our "Hello Bitcoin" project, I'll walk you through the basics of making an bitcoin shopping cart. Basically this website shows a few products, the option for customers to add these products to a shopping cart, write their buyer information and checkout with BIPS. So let's get started.

index.html: The Cornerstone of Your Web Page

Every basic website consists of, at minimum, a file called index.html, which defines the entry point of your website.

So let's get started. Create a new folder—let's name it Hello Bitcoin - and, using your favorite text editor, create a new text file called index.html. Copy and paste the following code into it:

```
<!DOCTYPE html>
<html>
  <body>
    <h1>Hello Bitcoin!</h1>
    <p>My first bitcoin web page.</p>
    <a href="" title="Pay with Bitcoins"></a>
  </body>
</html>
```

The headline and paragraph are all pretty self-explanatory. So far, all we've done is assign an image to a link, created one headline and a paragraph.

Basically you're telling the Web Browser that your web page has a link, and that it should display an image. We haven't done much yet, but you've actually already made something you can test out, so let's do that. Double click the index.html file you just created to open it in your Web Browser, and you should see a Bitcoin Accepted Here button appear on the web page.

Wouldn't It Be Nice if That Button Did Something?

Sign In to your BIPS account and on the dashboard under My BIPS tools, right click on Mobile Checkout and select "Copy Link Location".

Open up your index.html file and add the location to the href tag created earlier like so:

```
<a href="https://bips.me/checkout/mobile/cb" title="Pay with Bitcoins"></a>
```

Congratulations! You've Hello Bitcoin-ed your first website and are now able to accept bitcoin payments. Nice work. Now let's take things up a notch.

(If you had any trouble along the way, download my working [Hello Bitcoin.zip](#) and compare it with yours.)

Where Do We Go From Here?

So you can click the button, and be directed to your very own personalized BIPS Mobile Checkout. Awesome! You could stop your website development here and be able to accept Bitcoin payments this way. However, BIPS lets you do much more than that.

Now, we're going to dive a little deeper into BIPS. It's time to make yourself an Shopping Cart -instant payment notifying PHP based website. So let's do it.

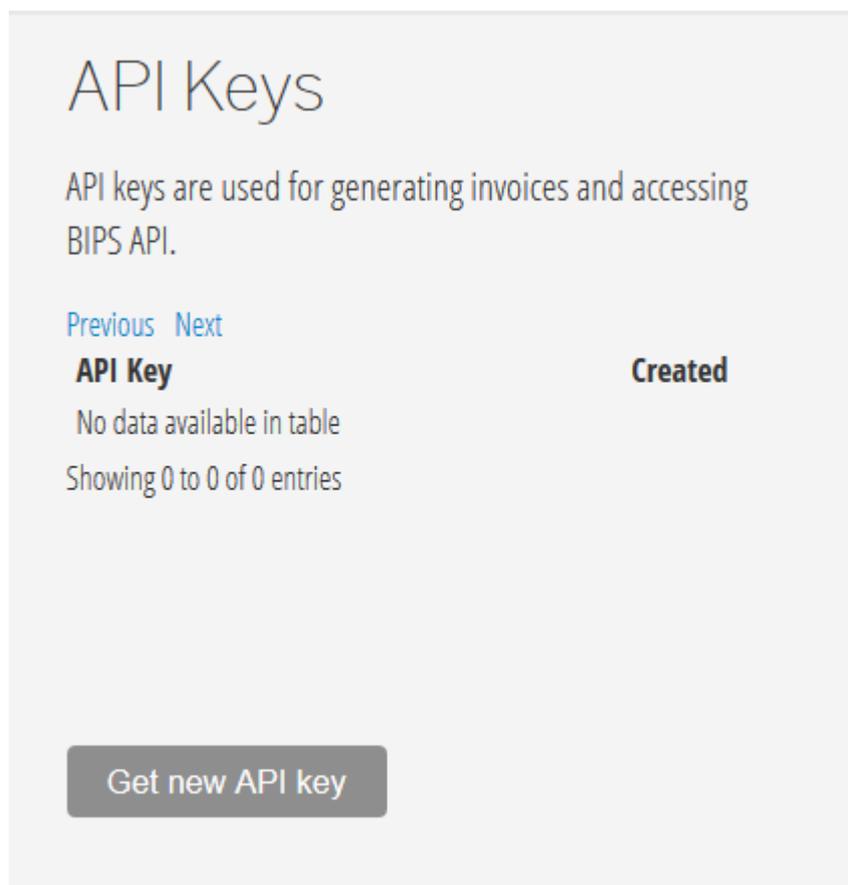
It's Time to BIPS It Up

Now that you've safely navigated from zero to Hello Bitcoin, we're going to pick up the pace a little. The "Hello Bitcoin" web page didn't use one tiny bit of PHP, and we didn't actually write any HTML, either. This section will rectify that.

First, let's take a look at the new and improved index.php we'll use for this website (**Note:** the *.php* instead of *.html*): Download [Shopping Cart.zip](#)

Let's quickly walk through what's new here.

First, you'll notice \$APIKEY this is needed for creating invoices at BIPS. Lets start off with generating a single API Key.



- Simply click "Get new API key", and the site will update providing you with a brand new key for use in accepting bitcoin.
- Copy this new API key into the first variable in your index.php so that it looks like below.
- `$APIKEY = 'YOURAPIKEY';`

Now you've actually already made something you can test out, but to do that we need a web hotel to be able to run our index.php file. [QuickWeb Hosting Solutions](#) is the first thing that comes to mind, but any web hotel will do.

You Got a Webserver and uploaded the index.php

Great! Then let's continue with setting up Instant Payment Notification. IPN is used when BIPS needs to announce that a payment was in fact made to an invoice you created.

Instant Payment Notification

Receive notifications to your system when an sale is made.

CALLBACK URL

SECRET

CHOOSE NOTIFICATION TIME

<input checked="" type="radio"/> High	Time	Fraud
<input type="radio"/> Medium	INSTANT	SLIM
<input type="radio"/> Low	10 MINUTES	VERY SLIM
	1 HOUR	NONE

In the illustration above you will want to type in the location to your index.php file, it will resample something like: <http://example.com/index.php>

This is also the section on BIPS where you need to type in your SECRET key for use in our index.php. The SECRET key can be anything. Consider this as a password and apply the appropriate security measures when choosing one.

- Copy the SECRET key into the second variable in your index.php so that it looks like below.
- `$SECRET = 'YOURSECRET';`

The last thing we need to do in index.php before our Shopping Cart is complete is to enter our email address. By now you know how to replace the variables, it is located just below \$SECRET Now upload index.php to your Web Hotel and test it out. Congratulations on setting up your first BIPS shopping cart!

Get Coding

If you've got any questions, let's hear it on [Facebook](#).