

CloverDev (TCPHC) (2022)

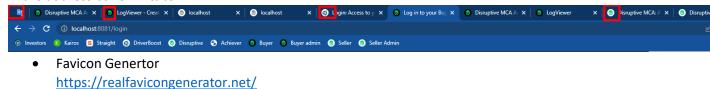
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1. Theme

- Favicon

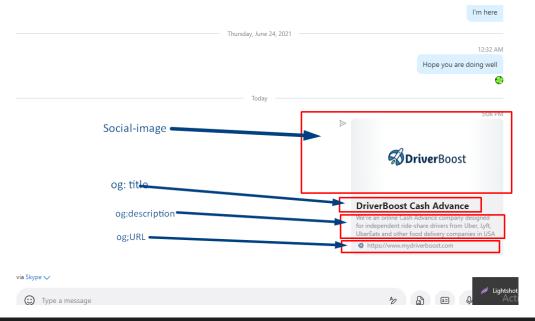
A favicon is a graphic image (icon) associated with a particular Web page and/or Web site. Many recent user agents (such as graphical browsers and newsreaders) display them as a visual reminder of the Web site identity in the address bar or in tabs.



Font, Main Color (2 or 3 colors)

2. SFO

 Social Media Meta tag e.g.



```
<meta property="og:image"
content="{{ asset('assets/images/DriverBoost_Social_Media_Share.png')}}" />
<meta property="og:type" content="website" />
<meta property="og:url" content="https://www.mydriverboost.com.com/" />
<meta property="og:title" content="DriverBoost Cash Advance" />
<meta property="og:description" content="We're an online Cash Advance company designed for independent ride-share drivers from Uber, Lyft, UberEats and other food delivery companies in USA" />
```

 Meta tag for site SEO e.g

```
<title>Buyer Member's FAQ</title>
<meta name="description" content="Merchant Cash Advance investment Frequently Asked
Questions - Buyer Members Frequently Asked Questions">
<meta name="author" content="Disruptive MCA">
```

3. Marketing, Site Analysis

- Robot.txt
- Sitemap.xml
- Google Tag Manager

e.g.

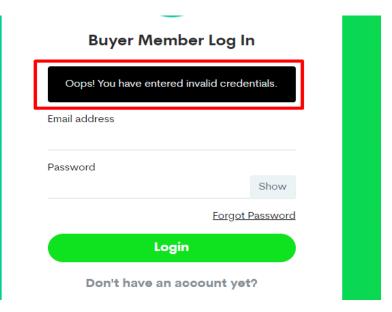
```
<!-- Global site tag (gtag.js) - Google Analytics -->
<script async src="https://www.googletagmanager.com/gtag/js?id=G-07/</pre>
                                                                          5P"></script>
<script>
 window.dataLayer = window.dataLayer || [];
  function gtag(){dataLayer.push(arguments);}
 gtag('js', new Date());
 gtag('config', 'G-07' 5P');
</script>
<!-- Global site tag (gtag.js) - Google Ads: 10781440614 -->
<script async src="https://www.googletagmanager.com/gtag/js?id=AW-107</pre>
                                                                           14"></script>
<script>
 window.dataLayer = window.dataLayer || [];
  function gtag(){dataLayer.push(arguments);}
  gtag('js', new Date());
 gtag('config', 'AW-107 14');
</script>
```

Facebook

e.g.

```
<!-- Facebook Pixel Code -->
    <script>
  !function(f,b,e,v,n,t,s)
  {if(f.fbq)return;n=f.fbq=function(){n.callMethod?
  n.callMethod.apply(n,arguments):n.queue.push(arguments)};
  if(!f._fbq)f._fbq=n;n.push=n;n.loaded=!0;n.version='2.0';
  n.queue=[];t=b.createElement(e);t.async=!0;
 t.src=v;s=b.getElementsByTagName(e)[0];
 s.parentNode.insertBefore(t,s)}(window, document, 'script',
  'https://connect.facebook.net/en_US/fbevents.js');
 fbq('init', '23
                          92');
 fbq('track', 'PageView');
</script>
<noscript><img height="1" width="1" style="display:none"</pre>
                                                  192&ev=PageView&noscript=1"
  src="https://www.facebook.com/tr?id=239
/></noscript>
<!-- End Facebook Pixel Code -->
```

- Etc...
- User-friendly error messages
 - Error Display
 For security reasons, the correct error should not be displayed.
 e.g.



4. Site Loading Speed

- Lazy Loading
- Page loading speed tool

e.g.

https://pagespeed.web.dev/

5. Security

- Captcha for Bot Check Google recaptcha, Yandex Captcha etc...
- Login Attempt Limit (3 times)
- Validation check for Fields
 - Validation check from frontend
 - Validation check from backend
- CSRF token

Cross-Site Request Forgery (CSRF) is an attack that forces authenticated users to submit a request to a Web application against which they are currently authenticated. CSRF attacks exploit the trust a Web application has in an authenticated user.

JWT

JWT, or JSON Web Token, is an open standard used to share security information between two parties — a client and a server. Each JWT contains encoded JSON objects, including a set of claims. JWTs are signed using a cryptographic algorithm to ensure that the claims cannot be altered after the token is issued.

• Two-Step-Verification

Two-step verification is a process that involves two authentication methods performed one after the other to verify that someone or something requesting access is who or what they are declared to be.

Agent

A user agent is a "string" – that is, a line of text – identifying the browser and operating system to the web server.

You can check environment of user's side.

6. Fnvironment

• .htaccess file

. htaccess files (or "distributed configuration files") **provide a way to make configuration changes on a per-directory basis**. A file, containing one or more configuration directives, is placed in a particular document directory, and the directives apply to that directory, and all subdirectories thereof.

- Redirect to HTTPS
- Redirect to WWW
- Redirect to Maintenance Page e.g.

```
<IfModule mod rewrite.c>
      RewriteEngine On
        RewriteCond %{HTTPS} off
        # Don't put www. here. If it is already there it will be included, if not
        # the subsequent rule will catch it.
        RewriteRule .* https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
        # Now, rewrite any request to the wrong domain to use www.
        # [NC] is a case-insensitive match
        RewriteCond %{HTTP_HOST} !^www\. [NC]
        RewriteRule .* https://www.%{HTTP HOST}%{REQUEST URI} [L,R=301]
        #Laravel Redirect to Public folder
        RewriteCond %{REQUEST_URI} !public/
        RewriteRule (.*) /public/$1 [L]
        #maintain mode
        #RewriteCond %{REQUEST URI} !index.html
</IfModule>
```

.env file

The live site's **environment** must be in **production** mode.

No local or testing.

Debug mode must be **false**.

7. Performance, Maintenance

Log

All activity on the site must be logged, even if not in error.

e.g.

production	1 Info	14:09:16	hisfaith@outlook.com: login attempt : 1
production	1 Info	14:07:49	curtisotto09@gmail.com go to docusign view.
production	1 Info	14:07:49	: docusign view getting was successful.
production	1 Info	14:07:46	curtisotto09@gmail.com access token for docusign getting was successful.
production	© Error	14:07:26	curtisotto09@gmail.com called empty cart from get deal.
production	1 Info	14:05:57	curtisotto09@gmail.com: login success!
production	1 Info	14:05:57	curtisotto09@gmail.com: login attempt : 1
production	S Error	13:41:06	$dfigroup investor @gmail.com: binfo saving error. Class `App\Http\Controllers\Dashboard\MailService' not found the controllers of the controller$
production	1 Info	13:35:43	dfigroupinvestor@gmail.com: otp attempt : 1

For laravel:

https://github.com/ARCANEDEV/LogViewer

 Exception Management Try Catch e.g.

```
try {
          $mservice->send('emails.accept', $details, $receiver);
} catch (\Throwable $e) {
          Log::error($user->email." Application Accepted email sending error: ".$e->getMessage());
}
```

• Maintenance Mode

8. Business

- Debit card / Credit Card
 - Debit Card

A debit card is a payment card that can be used in place of cash to make purchases. It is similar to a credit card, but unlike a credit card, the money for the purchase must be in the cardholder's bank account at the time of a purchase and is immediately transferred directly from that account to the merchant's account to pay for the purchase.

Credit Card

A credit card is a payment card issued to users to enable the cardholder to pay a merchant for goods and services based on the cardholder's accrued debt. The card issuer creates a revolving

account and grants a line of credit to the cardholder, from which the cardholder can borrow money for payment to a merchant or as a cash advance.

Bank account

Account Type (Saving / Checking)

A **savings** account is an interest-bearing deposit account held at a bank or other financial institution. Though these accounts typically pay a modest interest rate, their safety and reliability make them a great option for parking cash you want available for short-term needs.

A **checking** account is a deposit account held at a financial institution that allows withdrawals and deposits. Also called demand accounts or transactional accounts, checking accounts are very liquid and can be accessed using checks, automated teller machines, and electronic debits, among other methods. A checking account differs from other bank accounts in that it often allows for numerous withdrawals and unlimited deposits, whereas savings accounts sometimes limit both.

Routing
 Routing numbers are nine-digit numbers that identify your bank or credit union in a financial transaction.

Account Number
 Finally, your bank account number is a unique series of numbers that identifies your account. Typically, account numbers range between eight to twelve digits.

9. Cumstomer Management

- You need to make Business Name (User Name).
 This is different Full Name(firstname, lastname);
 You have to contact with client by Business Name.
 e.g. lightmoon, Topdev, TrustFreelancer, etc...
- you need to keep moral in the chatting.
- You must keep the promised time with Customer.
- You must continue to work during business hours.
- You need to demonstrate overtime to the customer.
- Greetings are important.
 "Have a good dream" than "See you tomorrow"
 "How was your weekend?" than "How are you?"
- Holiday management is important.
 Message, Card
- Chatting
 - Good
 Let me think, Let me try, I think ...
 - Bad

I can do..., I will...

- Use emoticons carefully in chat.
- You need to set up multiple contact methods with your client. e.g. email, skype, telegram
- You need to suggest good idea for project.
 For it, you have to understand about client business.
- Monday and Sunday is important.
- A day is 8 hours for a customer but 24 hours for you.
- You must inform your customers in advance of any sudden events (like network offline or power off).
- Please keep comment style in the code.

```
/**
    * Abstract API Class

    * @author Classever class
    * created at 2022-06-05 10:49:30
    * updated at 2022-06-05 10:49:34
    */
    namespace App\library;

use Illuminate\Support\Facades\Log;

class Abstractapi {
```

If you are working with agency, you can get client by this comment.

10. Chatting

- Introduce
 - Greeting
 - Skill
 - Experience with past jobs

A description of the skills the client wants is important.

You can suggest good idea or API for project.

- Work time and Hourly Rate

e.g.

Hourly rate \$30/hr, 40hr/week (Monday - Friday)

I prefer long term work over short term.

We can discuss hourly rates for long term relationship.

If your work is urgent, I can work even on weekends.

(or you can suggest free work to client for weekend.)

- Greeting

Even if you got a bad impression on your clients, you need to leave a good impression on them. e.g.

If you need my help, you can contact me at any time.

11. Work TimeZone

- US

Business time (contact time): 23 - 7 o'clock Rest Time: 8 - 12 o'clock, 20 - 23 o'clock

Working Time: 14 – 19 o'clock

- Europe

Business time (contact time): 17 - 2 o'clock Rest Time : 3 - 7 o'clock, 14 - 16 o'clock

Working Time: 8 – 12 o'clock

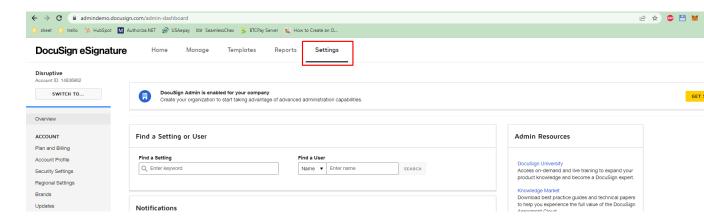
- All

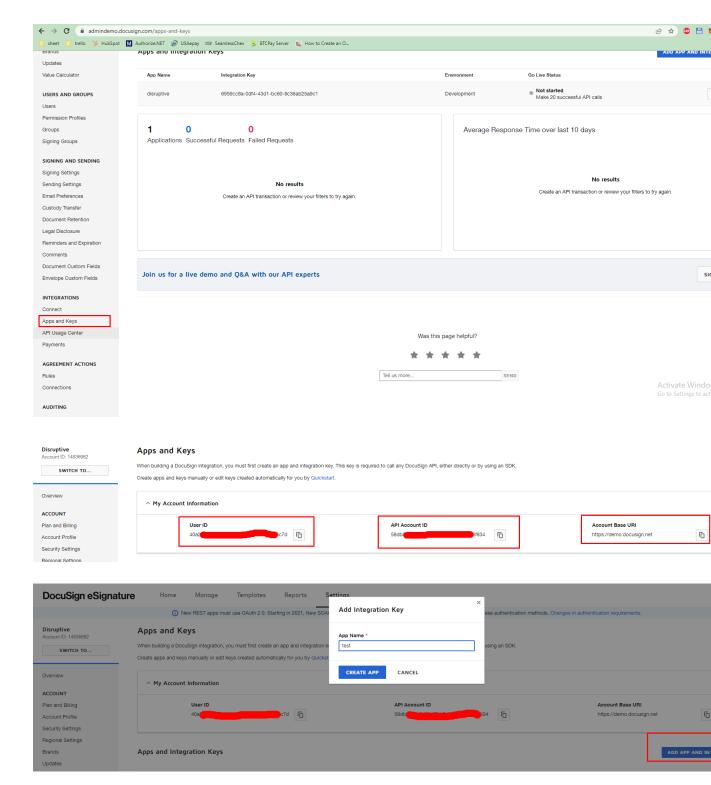
2 hours rest after meals.

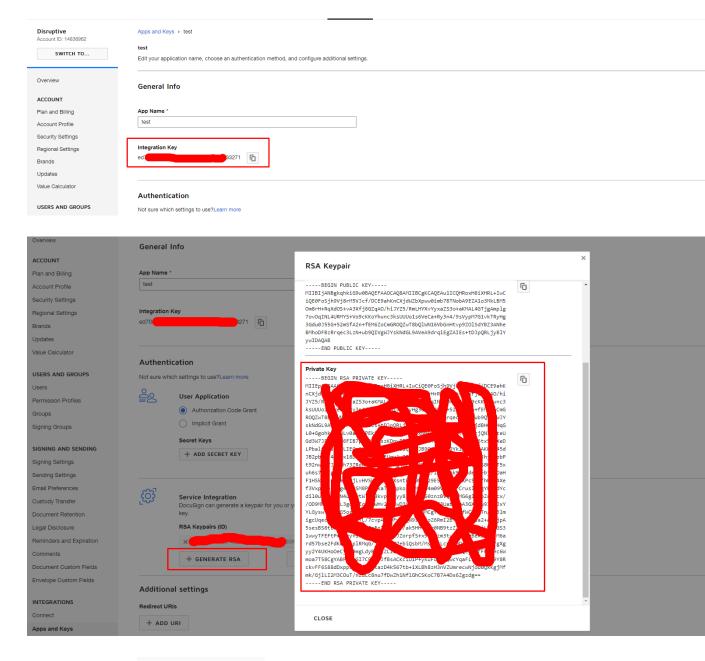
12. Third Party API

- SMS
 - Sakari (https://sakari.io/)
 - Clicksend (https://www.clicksend.com/us/)
- Signature (https://www.docusign.com/)

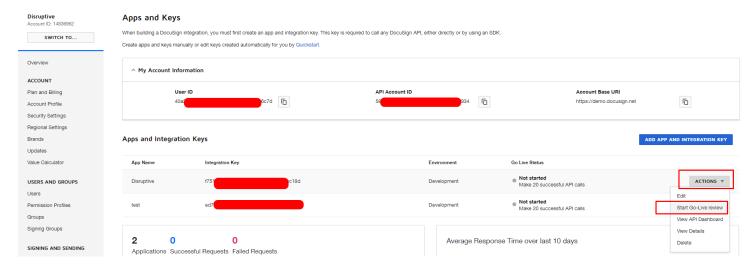
https://github.com/docusign/docusign-esign-php-client Developers must create a developer account.







You have to make 20 successful API calls.



You can connect integrate key to live account after review.

- Location

- Geolocation (https://ipgeolocation.io/)
- Abstract API (https://www.abstractapi.com/)

- Payment

Card Payment

A. Authorize (https://www.authorize.net/)

American Express: 370000000000002

Discover: 601100000000012

JCB: 308800000000017

Diners Club/ Carte Blanche: 38000000000006

Visa: 4007000000027 4012888818888 4111111111111111

Mastercard: 5424000000000015 2223000010309703 2223000010309711

ACH payment

B. Seamless Chex()

https://seamlesschex.com/

Customer will create account for seamless chex.

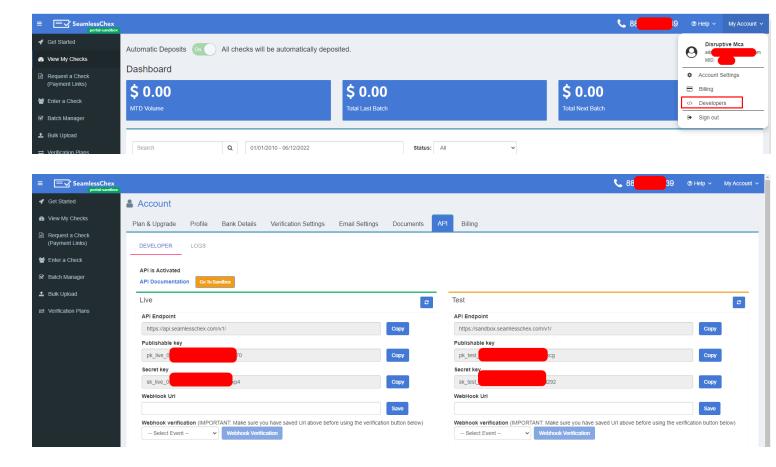
Sandbox and Production will use same credential.

*sandbox

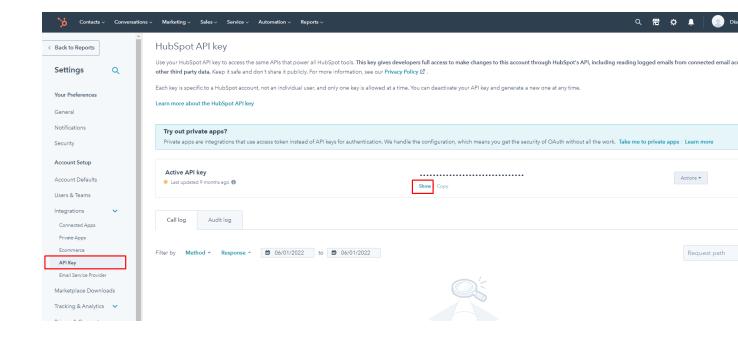
https://portal-sandbox.seamlesschex.com/#/login

*production

https://portal.seamlesschex.com/#/login



- CRM (Customer Relationship Management) Portal
 - Hubspot (https://www.hubspot.com/)
 - * APP Key



* portal ID and form ID

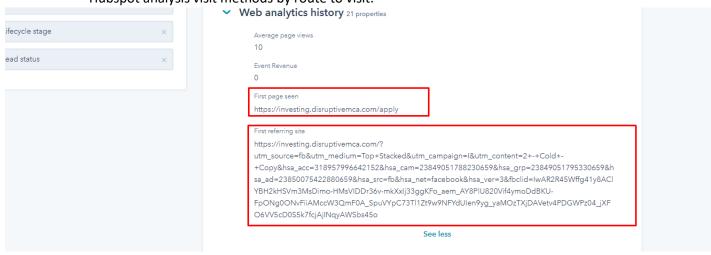
You need to create contact by hubspot form.

If user visit your website from social sites, hubspot create

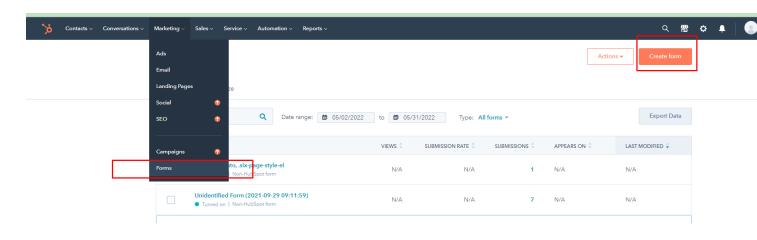
So hubspot can analysis route to visit.

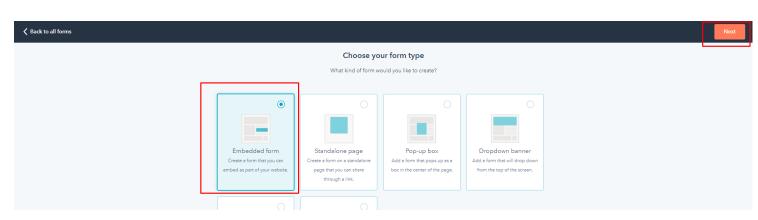
In other words, users can get your website link from social sites or other methods.

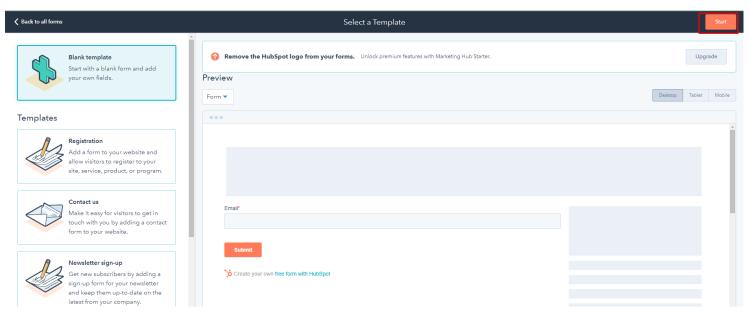
Hubspot analysis visit methods by route to visit.

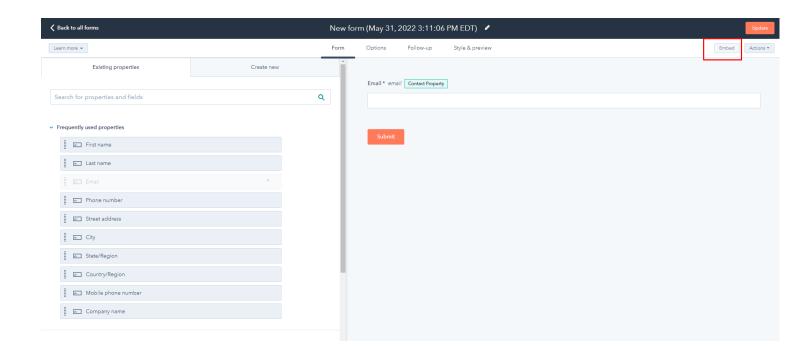


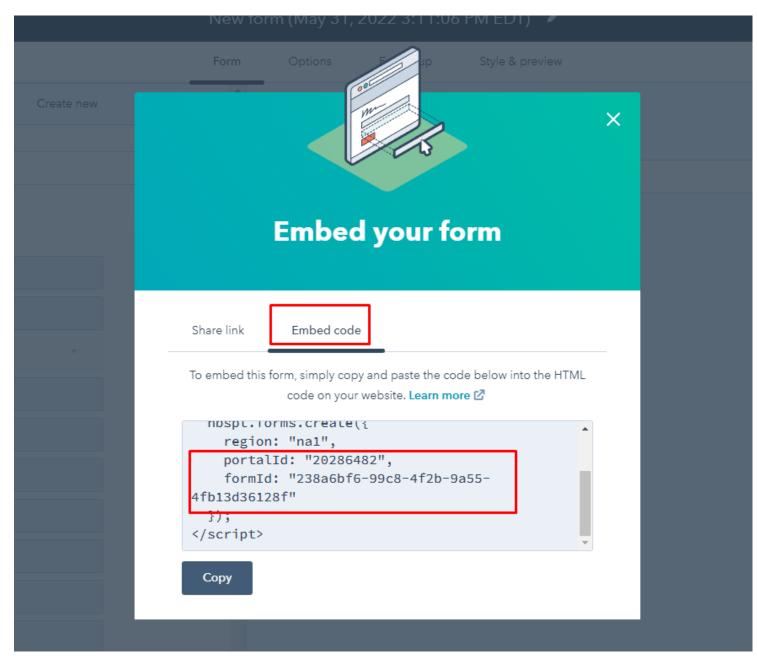
For this, you have to create hubspot form.





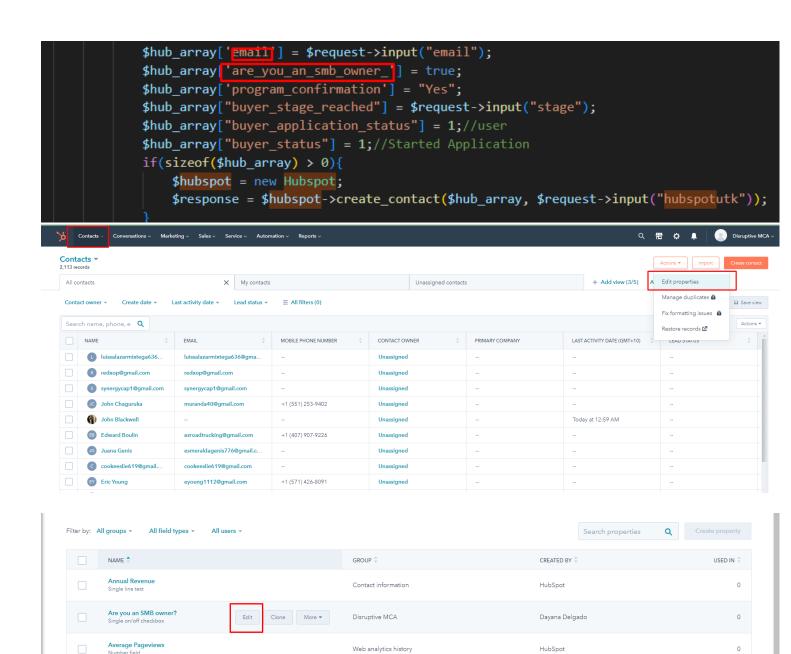




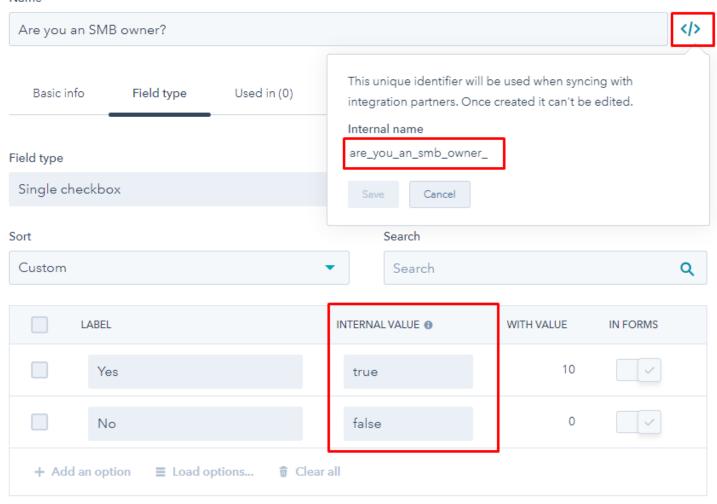


You need to embed this code in the your website.

^{*} get property name and value



Name



✓ Use in forms, and bots

- Bank Verify
 - Decision Logic (https://www.decisionlogic.com/)
- Google Sheet
 - https://drivemarketing.ca/en/blog/connecting-laravel-to-a-google-sheet/

****you can use below google script for find row in the sheet****

 https://stackoverflow.com/questions/63496284/google-sheets-api-with-php-find-acell-value



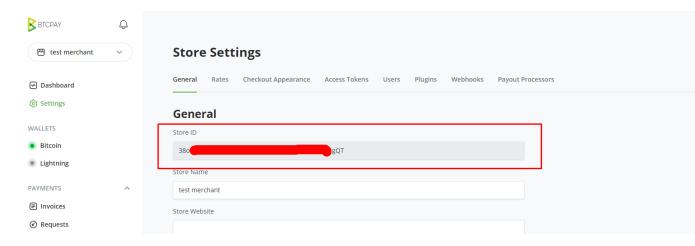
This is column range.

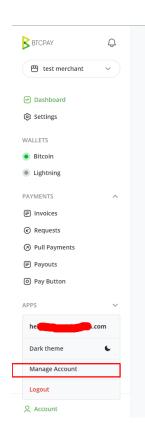
The column for which you are looking for values must be in this range.

BTCPay Server(Bitcoin payment Server - https://btcpayserver.org/)

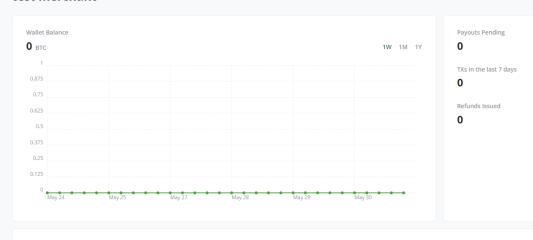
https://docs.btcpayserver.org/CustomIntegration/

https://github.com/btcpayserver/btcpayserver-greenfield-php





test merchant

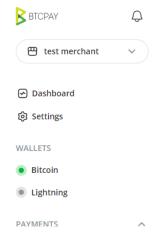


Recent Transactions

Account

Transaction

28 days ago fcf0f24a6c18f7fef5ca0752c1fad010c85eb7a68191d594b2dac6a95c3323e0



Account Settings

Password

API Keys + Generate Key

API Keys

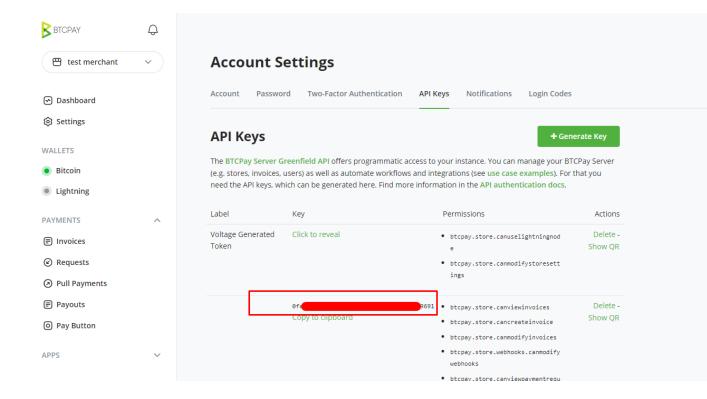
Notifications

Login Codes

Two-Factor Authentication

The BTCPay Server Greenfield API offers programmatic access to your instance. You can manage your BTCPay Server (e.g. stores, invoices, users) as well as automate workflows and integrations (see use case examples). For that you need the API keys, which can be generated here. Find more information in the API authentication docs.

Label Key Permissions Actions



13. Laravel packages

```
----- agent---
https://github.com/jenssegers/agent
-----recaptcha-----
https://laravel-recaptcha-docs.biscolab.com/docs/configuration
----google sheet ----
https://drivemarketing.ca/en/blog/connecting-laravel-to-a-google-sheet/
https://stackoverflow.com/questions/63496284/google-sheets-api-with-php-find-a-cell-value
----laravel log viewer-----
https://github.com/melihovv/laravel-log-viewer
https://github.com/ARCANEDEV/LogViewer
----clicksend ------
https://packagist.org/packages/clicksend/clicksend-php
```

```
https://github.com/rossjcooper/laravel-hubspot
----AWS S3 bucket---
https://www.itsolutionstuff.com/post/laravel-amazon-s3-file-upload-tutorialexample.html
Amazon S3:
composer require --with-all-dependencies league/flysystem-aws-s3-v3 "~1.0"
SFTP:
composer require --with-all-dependencies league/flysystem-sftp "~1.0"
CachedAdapter:
composer require league/flysystem-cached-adapter "~1.0"
----authorize.net ----
composer.json
"authorizenet/authorizenet": "2.0.2"
composer update
----jwt authentication----
https://github.com/tymondesigns/jwt-auth
----create image with background img php--
(certificate)
https://www.php.net/manual/en/image.examples.merged-watermark.php
-----docusign package-----
https://github.com/docusign/docusign-esign-php-client
-----image resize-----
http://image.intervention.io/
----csv import and export----
https://www.positronx.io/laravel-import-expert-excel-and-csv-file-tutorial-with-example/
---- firewall-----
https://github.com/akaunting/laravel-firewall
----card validation----
----bitpay-----
https://github.com/vrajroham/laravel-bitpay
```

----BTCPay-----

```
https://github.com/btcpayserver/btcpayserver-greenfield-php
----- laravel command line-----
composer require laravel/tinker
php artisan tinker
php artisan vendor:publish --provider="Laravel\Tinker\Tinker\ServiceProvider"
```

14. Reference URL

```
-----How to make membership site-----
https://www.matthewwoodward.co.uk/work/ideas/membership-sites/
-----a-simple-two-way-function-to-encrypt-or-decrypt-a-string------
https://wppeople.net/blog/a-simple-two-way-function-to-encrypt-or-decrypt-a-string/
-----Authorize.net-----
https://github.com/AuthorizeNet/sample-code-php
https://github.com/AuthorizeNet/sample-code-php/blob/master/RecurringBilling/get-
subscription.php
https://developer.authorize.net/hello_world/testing_guide/
https://developer.authorize.net/hello_world/
----Authorize.net error codes----
https://developer.authorize.net/api/reference/features/errorandresponsecodes.html
-----jquery sortable-----
https://jqueryui.com/sortable/#empty-lists
----mulit step form Bootstrap----
https://bbbootstrap.com/snippets/multi-step-form-wizard-30467045
https://mdbootstrap.com/docs/jquery/components/stepper/#!
https://johann-s.github.io/bs-stepper/
---make API in codeigniter----
https://www.cloudways.com/blog/rest-api-in-codeigniter/
----implement recaptcha codeigniter----
```

https://www.itsolutionstuff.com/post/php-codeigniter-3-google-recaptcha-form-validation-exampleexample.html
find bandwidth info https://support.bandwidth.com/hc/en-us/articles/360033658613-Messaging-V2-API-Account-Setup-UI-
get youtube thumbnail url https://commentpicker.com/youtube-video-id.php
password validation display https://www.w3schools.com/howto/howto_js_password_validation.asp
svg maker https://vectr.com/
payment card form example https://codepen.io/quinlo/pen/YONMEa https://www.digitaldesignjournal.com/credit-card-payment-form-html-css/ https://www.cssscript.com/tiny-js-library-create-interactive-payment-form-datpayment/
domain change https://bloggingtek.com/how-to-point-domain-from-godaddy-to-siteground/
protect input copy paste https://sumtips.com/how-to/prevent-copy-cut-paste-text-field/
western union https://www.wikihow.com/Receive-Money-from-Western-Union
google site verification https://kinsta.com/blog/google-site-verification/
hubspot https://developers.hubspot.com/docs/methods/contacts/create_or_update https://knowledge.hubspot.com/contacts/hubspots-default-contact-properties https://knowledge.hubspot.com/contacts/use-lifecycle-stages https://knowledge.hubspot.com/lists/create-active-or-static-lists https://knowledge.hubspot.com/contacts/property-field-types-in-hubspot
trust site mcafee logo

https://support.trustedsite.com/hc/en-us/articles/360007385000-Adding-the-TrustedSite-trustmarks (hide logo)
https://support.trustedsite.com/hc/en-us/articles/204462635-Adding-the-main-code-and floating-trustmark
Liquid progress indicator https://www.cssscript.com/liquid-progress-indicator/
codeigniter hooks https://www.javatpoint.com/codeigniter-hooks
file input plugin https://plugins.krajee.com/file-input
digital signature https://codepen.io/dus7/pen/qGQbVP https://www.nicesnippets.com/blog/laravel-signature-pad-tutorial-example
right click protect https://mycyberuniverse.com/developing/disabling-right-clicking-by-using-javascript.htm
video popup https://fancyapps.com/fancybox/3/
google sitelinks https://www.reliablesoft.net/sitelinks/#create-sitelinks
social thumbnail image add https://www.adhesion.co.nz/blog/how-to-change-website-thumbnail-in-facebook-post
image size for website https://mediag.com/blog/popular-screen-resolutions-designing-for-all/
add facebook pixel code https://www.jonloomer.com/2017/02/24/facebook-pixel/
rss feed https://github.com/hasokeric/codeigniter-rssparser
change image color

```
https://codepen.io/noahblon/pen/ZbjmbK/
-----lazy load plugin-----
https://github.com/verlok/vanilla-lazyload
----- bootstrap notify----
http://bootstrap-notify.remabledesigns.com/
---- change remote desktop port----
https://docs.microsoft.com/en-us/sql/reporting-services/report-server/configure-a-firewall-for-report-server-
access?view=sql-server-ver15
https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/clients/change-listening-
---laravel google sheet package
https://github.com/kawax/laravel-google-sheets
https://drivemarketing.ca/en/blog/connecting-laravel-to-a-google-sheet/
----sheet row finder-----
https://stackoverflow.com/questions/63496284/google-sheets-api-with-php-find-a-cell-value
----learn english----
http://nicetalkingwithyou.com/mp3-downloads/mp3-downloads-text1/
http://www.effortlessenglish.libsyn.com/
https://esl.culips.com/free-samples/
----connect github to siteground----
https://www.siteground.com/tutorials/ssh/putty/
https://www.siteground.com/tutorials/sg-git/clone-github/
https://www.siteground.com/tutorials/ssh/listing/
----jwt auth----
https://hasura.io/blog/best-practices-of-using-jwt-with-graphql/
----Authorize.net error code list----
https://developer.authorize.net/api/reference/features/errorandresponsecodes.html
---- freelancer ethics----
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```

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   https://www.php.net/manual/en/image.examples.merged-watermark.php
   ----- echart -----
   https://echarts.apache.org/en/index.html
   ----image compression----
   https://cloudinary.com/pricing
   ----card validation js----
   https://github.com/jondavidjohn/payform#api
   -----seamlesschex(ACH API) -----
   https://developers.seamlesschex.com/seamlesschex/docs/
   ---github page build-----
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   -----Email health checker-----
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   ----software requirements specification----
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   -----simple event calendar-----
   https://github.com/brospars/simple-calendar
   -----Free Coin Price API-----
   https://blockchain.info/api/exchange_rates_api
15.
          Reference Tool
   ----Invoice Generator----
   https://app.freeinvoicebuilder.com/#build
   -----Hiragana Converter-----
   https://www.lexilogos.com/keyboard/hiragana.htm
```



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https://icons8.com/
----chartist.js chart plugin-----
https://gionkunz.github.io/chartist-js/index.html
-----chatist.js tooltip-----
https://codepen.io/niketmalik/pen/BZjgpQ
----min compress js. css-----
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----regular expression-----
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----images to webp-----
https://webp-converter.com/
-----youtube viewer----
http://viewpure.com/
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---- phone verify sms----
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https://dnschecker.org/#A/driverloanusa.com
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