#include <TPTAPI.h>

The Powder Toy API (PHP)

V2.O

Developer(s) Thank You:

Thank you for downloading and supporting The Powder Toy API package for PHP! We hope you create and contribute in many ways to the community.

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FAQS and Background

What is TPTAPI?

The Powder Toy API is a package and system that will allow developers (maybe you) to create applications on websites or elsewhere and authenticate users from The Powder Toy community. Think of it as a Facebook or Google like sign-in system, but for The Powder Toy.

Why a new single sign-on system?

Considering the developer(s) are not the official The Powder Toy site developers, it was the apparent need to use the site's built-in system. Since Facebook registration or OAuth were not built into The Powder Toy, TPTAPI was a work around that disadvantage.

What languages are supported?

Currently only PHP is supported. The hope is to create more libraries for developers to use in other applications.

Can I developer and sell services through my application?

Yes! You may sell services or other things through your application using the PHP library. However, please read the LGPL License V3 for such information. From basic understanding, you MUST release the libraries if modified.

Can I do anything with the API system?

Just be kind in the use of it. Use of it in malicious ways such as, session stealing, password/details stealing, spreading malicious files, scams for money or other commodities, use for pornography, are just a few to name, are not allowed.

If we receive a report from users for malicious use or intent to use maliciously, we reserve full rights to revoke application keys and access to the site. Any account associated with the application may be blacklisted to prevent further intent, may be enforced.

The intent can be judged on a case by case basis.

Where can I receive help for the package?

The on-site wiki can be used for such issues right now or contact a developer. Possible additions to support will include support tickets and a full manual.
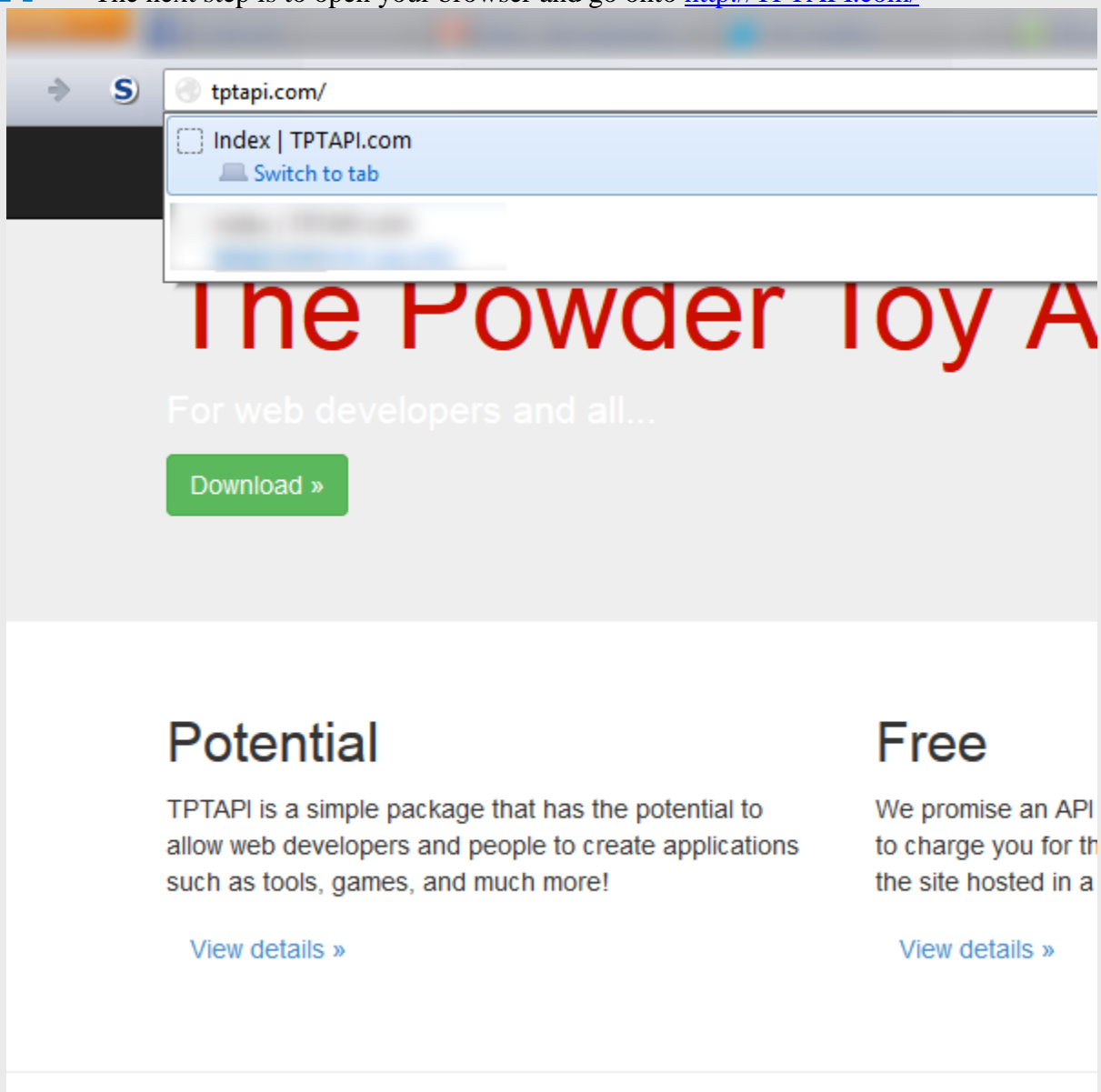
Current Developers:
1. Lockheedmartin

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Basic Setup

1. The very first step is to upload your package to your web server.

2. The next step is to open your browser and go onto http://TPTAPI.com/

3.   In order to access the download area you must login! Simply enter in you're the Powder Toy community credentials. It will send those off to the official The Powder Toy server and verify them. Afterwards it will register you onto TPTAPI automatically.
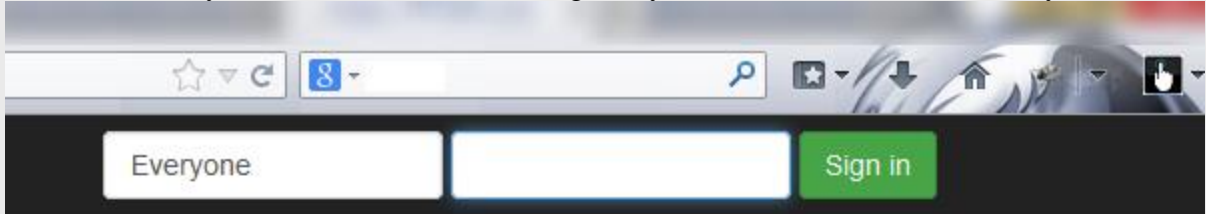

Privacy

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f our API. With
1 afford it!

With information sent to apps and such, it's hard to keep track of which ones will you share data with right? Wrong. We allow you to control what information and apps can access your information!

View details »

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4. After logging in you simply click the dropdown menu on the far right. This will show the options for the site's important points. Click on "Create App".

Settings ▾

🛈 Pending Approval
💼 Your Apps
✏ Create App

⚙ Control Panel
⏻ Logout
Money: 10

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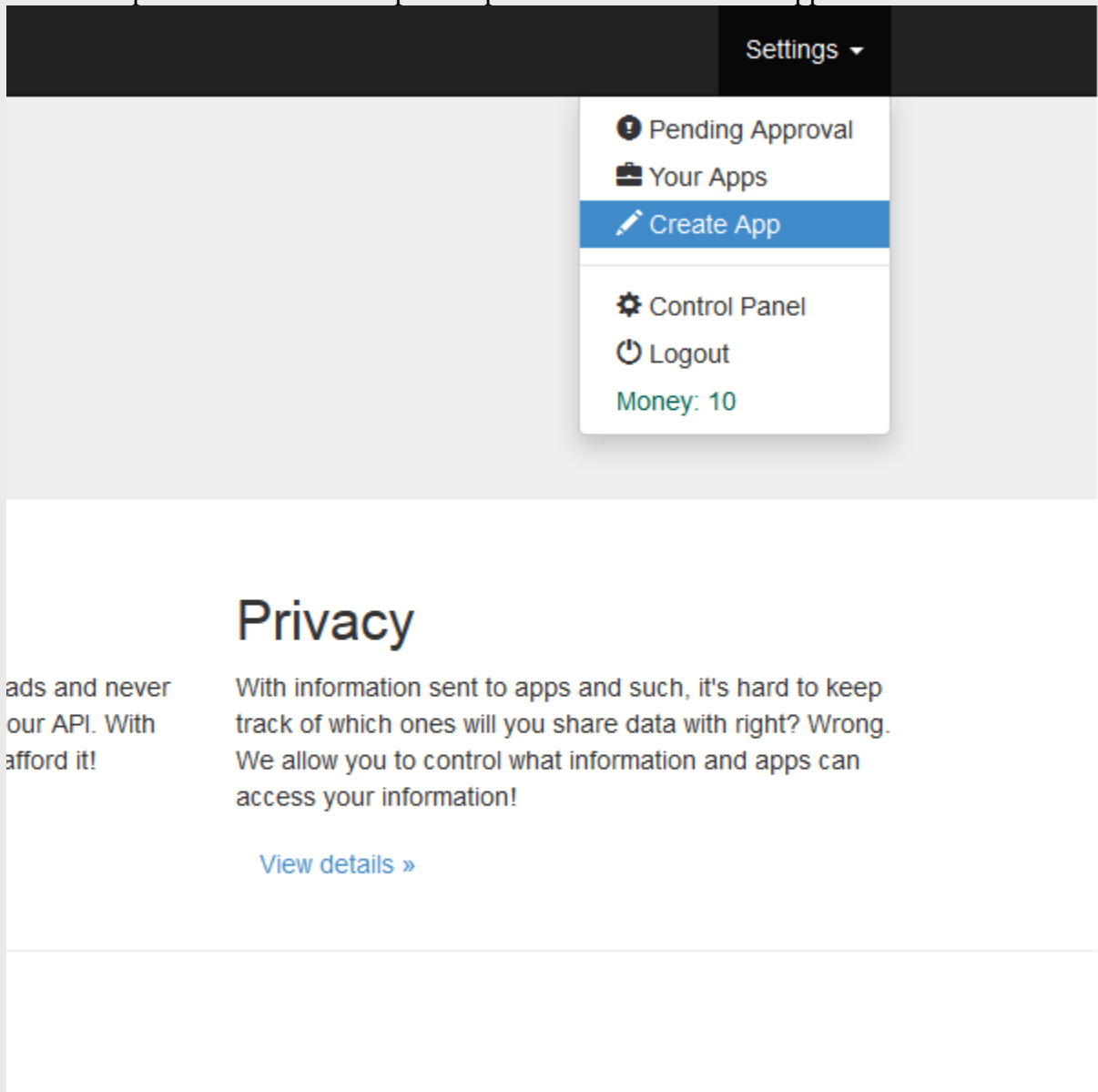
5. Now you just need to fill out the form below with some information about your application. The domain name simply helps identify your application.

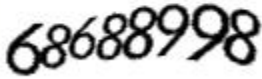**6.** After submitting the application, it will be sent off to the staff members for approval. The approval status can be checked on the "Pending Approval" section of the site.

7. Once approved by the staff for use, your application will be minted and given to you. Now what we want to do is find these keys for your application. Go over the dropdown again and click on "Your Apps".
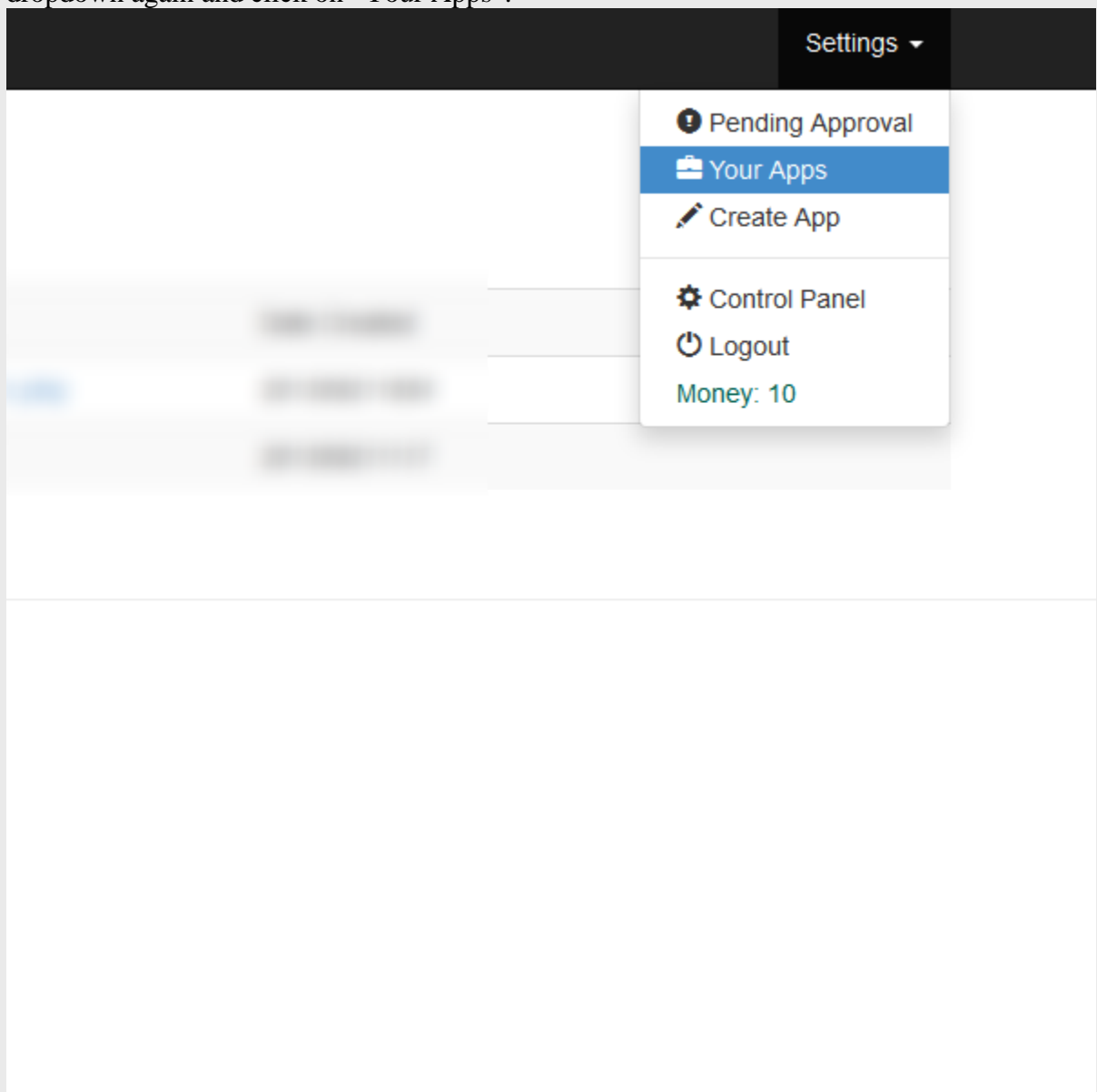
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8. Find your application and click on the NAME of it. The domain name is an actual hyperlink of your site. After clicking on the name of your application

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9. You will now see all your application's information. Here you will see the keys for you application. Unfortunately, to prevent mishaps we have disabled copying directly. Keep this window open!

TPTAPI.com   Home   Wiki

Testing App Settings

Everyone
App Description

Testing app

Private Key

Public Key

ptrb298nhea5v

Control Panel

TPTAPI.com

10. Open your FTP client and open your "api_cong.php" file on your web server via a text editor. This will bring up the settings for the entire application.

```php
1   <?php
2   ///////////////////////////////////////////////////
3   //                    TPTAPI.com                 //
4   //          This is your configuration file!     //
5   //              For help go to the wiki.         //
6   ///////////////////////////////////////////////////
7
8   //Private API key tells us which application this is when sending to
9   //DO NOT SHARE THIS!
10  $private_key = "PRIVATE API KEY";
11
12  //Public API Key is what the user can see. It lets the server identif
13  //a user is going to user.
14  $public_key = "PUBLIC API KEY";
15
16  //Session Key cookie if any exists.
17  $cookie = $_COOKIE['session_key'];
18
19  //Just a universal way to grab IP Addresses.
20  $ip = "$_SERVER[REMOTE_ADDR]";
21
22  //*CHANGE THE EXPIRE TIME*//
23  $expire = time() + 86400;
24
25  //*CHANGE THE URL THEY WILL GO TO AFTER TPTAPI LOGIN PAGE*//
26  //*THE TPTAPI SERVER WILL SEND THEM TO [YOUR URL WITH PAGE]?success&t
27
28  //Most typically like this format: http://[YOUR DOMAIN NAME]/client_l
29  $url_redirect = "http://[YOUR DOMAIN NAME]/client_login.php";
30
31  //*CHANGE THE URL THEY WILL GO TO AFTER BEING VERIFIED BY YOUR APP*//
32
33  //By default it is the included Members.php page!
```

Edit the private keys and public keys as the ones corresponding to the ones in your browser. They are visibly documented in green!
Some other things you want to edit is the $url_redirect variable. Replace [YOUR DOMAIN NAME] with your main domain name!

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Testing Application

Go to your web browser again and go to "YOURSITE/client_login.php" This will redirect you to TPTAPI's authorization page. You will be going through the same login process as a regular user essentially. Once you authorize YOUR application to verify your account, TPTAPI.com will redirect you to your "/members.php" page.

It should say you are logged in!