

Quick Start

To get the 51Degrees solution running, please unzip the solution into the directory of your choice. Then add the following code to your php page:

```
include_once('path/to/51Degrees.mobi.php');
```

It is recommended for speed purposes that this is included after a `session_start();`.

You can now find any details that you require using `$_51D['KeyName']`. For example, to find out if the device is a mobile device, simply use `$_51D['IsMobile']`.

51Degrees.mobi provides a wide range of possible items of data for you to use. You can get a list of the KeyNames available by using this line:

```
var_dump(array_keys($_51DMetadata));
```

This will output the latest list of data available to you as an array. However, what if you want to know what a particular key means? Is 'IsMobile' particularly useful to you? How do you go about finding out that information? All you need is the following line of code:

```
echo $_51DMetadata['KeyName']['Description'];
```

This line will output the full description for that key name. In the case of IsMobile, it outputs as follows:

The device's primary data connection is wireless and is designed to operate mostly from battery power (ie a mobile phone, smart phone or tablet).

Hello, World!

While a full Hello, World! project is not really possible, here is the minimum necessary script that outputs whether the device is mobile, alongside its height and width. The output will depend on the device that you are using.

```
<?php
```

```
session_start();  
include_once('path/to/51Degrees/51Degrees.mobi.php');  
echo 'Is a mobile: ' . $_51D['IsMobile'];  
echo '<br />ScreenHeight: ' . $_51D['ScreenPixelsHeight'];  
echo '<br />ScreenWidth: ' . $_51D['ScreenPixelsWidth'];
```

```
?>
```

Advanced Tricks

These tricks will improve the performance of your program significantly and are highly recommended.

APC/WinCache

To increase the total speed, we recommend that you use APC. The installation procedure changes depending upon your site host and server configuration. For full installation instructions, please see:

<http://si2.php.net/manual/en/apc.installation.php>

IIS/WebMatrix installations

For IIS and WebMatrix PHP users, it is recommended to use Microsoft's WinCache. For full details, head over to <http://www.iis.net/download/WinCacheForPhp> and use the link for the Web Platform Installer to install WinCache quickly and easily.

Windows XAMPP/Windows-Server run Apache installations

1) Download the APC installation at <http://downloads.php.net/pierre/> (search for APC and download the version closest to your PHP installation. For example, for 5.3, use [php_apc-3.1.10-5.3-vc9-x86.zip](http://downloads.php.net/pierre/php_apc-3.1.10-5.3-vc9-x86.zip)).

2) Extract the file in the /ts folder of the zip file to the ext folder of your PHP installation

3) Add the following line to your php.ini file under [Extensions]:

```
add extension=php_apc.dll
```

4) Open to the httpd.conf file in a text editor.

5) Replace all instances of

AllowOverride None

with

AllowOverride All

6) If Apache is running, stop it and start it back up again.

Unix/Linux Servers

Please ensure you are running PECL first. If this is installed and running, to install APC type the following into your command line:

```
sudo pecl install apc
```

You may need to restart Apache on installation.

Sockets

PHP sockets are a recommended install. By default, this functionality should be installed and enabled. However, on some IIS or Windows Server PHP default installations(e.g. WebMatrix), you will need to enable this extension yourself.

Windows Servers

Open the PHP configuration file (php.ini) in the text editor of your choice and search for the following line:

```
;extension=php_sockets.dll
```

Simply uncomment this line like this:

```
extension=php_sockets.dll
```

Unix/Linux

Open the PHP configuration file (php.ini) in the text editor of your choice and search for the following line:

```
;extension=sockets.so
```

If this line is not available, then add, or otherwise uncomment this line like this:

```
extension=sockets.so
```

This will enable the full functionality of the program.