

PHP 5.3 to 7.3 for OS X / macOS 10.6 to 10.13 as binary package (deprecated)

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Deprecation notice!

While this project helped us and lots of other people with an up-to-date PHP on their macs in recent years, time has moved on and alternatives, too. We don't have the energy and motivation anymore to further support and maintain this project.

We recommend using a [homebrew](#) based setup, if you need an up-to-date PHP locally. New versions are available very quickly. And Grav has [a very good introduction on how to get it running with apache and all](#)

Another alternative is of course to switch to a docker based setup, there's lots of docs and images about that out there.

We keep the binaries and infrastructure all up with no plans to shut it down. Don't worry, if you still depend on them, just don't expect updates for new PHP or MacOS versions (or even the Apple Silicon CPU)

We hope, we made your life a little bit easier and you enjoyed this little project. To many more years of PHP on Macs and thanks for all the fish.

Intro

This package installs the (usually) latest PHP 7.3/7.2/7.1/7.0/5.6/5.5/5.4/5.3 on OS X 10.6 (aka Snow Leopard), OS X 10.7 (aka Lion) and OS X 10.8 (aka Mountain Lion) and OS X 10.9 (aka Mavericks) and OS X 10.10 (aka Yosemite) and OS X 10.11 (aka El Capitan) and macOS 10.12 (aka Sierra) and macOS 10.13 (aka High Sierra) in /usr/local/php5. It installs many useful extensions (see below) and ini-settings and is what we at [Liip](#) use for our development. It's especially suited for Symfony 2 development. It also provides a decent php.ini with all settings configured according to "Best Practices".

It doesn't install Apache, MySQL or any other external programs. It uses the Apache installation, which comes with OS X and for installing MySQL you can for example use [Homebrew](#). The package is based on [entropy's php package](#).

One Line Installation

All you need to do to install the whole thing is opening up a Shell and execute the following line:

PHP 7.3 (Next stable) - 10.10 and later

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 7.3
```

PHP 7.2 (Current stable) - 10.10 and later

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 7.2
```

PHP 7.1 (Old stable) - 10.10 and later

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 7.1
```

PHP 7.0 (Old stable) - 10.10 and later

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 7.0
```

PHP 5.6 (Old stable) - 10.8 and later

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 5.6
```

PHP 5.5 (End of life) - All OS X versions

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 5.5
```

PHP 5.4 (End of life) - All OS X versions

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 5.4
```

PHP 5.3 (End of life) - All OS X versions

```
curl -s https://php-osx.liip.ch/install.sh | bash -s 5.3
```

It will ask you for your password. We install the packager in /usr/local/packer and PHP into /usr/local/php5 and for this, we need your password. We don't do anything bad with it.

Frequently Asked Questions

Why does php -v on the command line still show my old version?

php-osx doesn't overwrite the php binaries installed by Apple, but installs everything in `/usr/local/php5`. The new php binary is therefore in `/usr/local/php5/bin/php`.

You can also adjust your PATH to include that directory, eg. write into your `~/.profile` file the following

```
export PATH=/usr/local/php5/bin:$PATH
```

Why is Europe/Zurich the default timezone? Where to change that?

Because we are based in Zurich (and Fribourg and Lausanne). Change the file in `/usr/local/php5/php.d/99-liip-developer.ini` to adjust that.

It doesn't take my php.ini values

We introduced our own ini file to be able to easily overwrite the standard values with our recommended values. You can find it in `/usr/local/php5/php.d/99-liip-developer.ini`

As this is read last, it will overwrite values defined in other files. You can also just delete the file.

Why is the MySQL Socket configured to use /tmp/mysql.sock and how to change that?

If you download the native binary from mysql.com, that server uses `/tmp/mysql.sock` as its socket location (see [this](#)). Therefore we choose that value as default.

You can change that value in `/usr/local/php5/php.d/99-liip-developer.ini`

How to install pecl extensions?

```
sudo /usr/local/php5/bin/pecl install pecl_http
```

Where is the memcached daemon?

We started not including the memcached daemon anymore. But you can install it by hand with

```
sudo /usr/local/packager/packager.py install tools-memcached
```

How can I help?

This project is hosted on github here <https://github.com/liip/build-entropy-php/>. The website itself and install.sh is hosted on <https://github.com/liip/php-osx/>. It's all Open Source, so feel free to fork it and send Pull Requests, if you want to change/fix something.

I have more questions. Where to put them?

You have basically three options:

- Open a ticket at <https://github.com/liip/php-osx/issues>
- Write a tweet, we monitor that and are reachable at [@php_osx](https://twitter.com/php_osx)
- Write on Stack Overflow with the tags "[php osx](https://stackoverflow.com/questions/tagged/php-osx)". We do monitor that, as well

Additional important notes

32 bit only systems (no workie)

It only works on a 64-bit-capable system. This means not on very old hardware with Intel Core Duo and Intel Core Solo processors (see <http://support.apple.com/kb/ht3696> for the overview). If anyone wants to make it work on those systems too, please tell us how (We tried, but didn't came up with anything running in a decent amount of time)

php.ini

The php.ini is located in /usr/local/php5/lib/php.ini, additional config files are located in /usr/local/php5/php.d/. The php.ini is based on php.ini-development

Liip php.ini

The Liip php.ini for development is located in /usr/local/php5/php.d/99-liip-developer.ini.

Re-installs into new directory

All installed files go in a new directory with every update, you have to manually maintain/merge your changes from the old directory! (like pear installs)

apc, twig and xslcache

apc, twig and xslcache need to be enabled manually in /usr/local/php5/php.d/50-extension- $\$$ name.ini.

xdebug

xdebug settings needs to be configured (idekey etc) manually in /usr/local/php5/php.d/50-extension-xdebug.ini.

apache error with ulimit

If you are seeing `"/usr/sbin/apachectl: line 82: ulimit: open files: cannot modify limit: Invalid argument"` when loading apache, here is [a fix](#)

More history and all that

See [this blog post](#) for even more background info.

(Alternative) Installation by "hand"

If you don't trust us, here's the code of `install.sh`, which you can run by yourself (instead of the one-liner above):

```
curl -s -o /tmp/packager.tgz https://php-osx.liip.ch/packager/packager.tgz
sudo tar -C /usr/local -xzf /tmp/packager.tgz
sudo /usr/local/packager/packager.py install 5.4-frontenddev
```

If you already have installed the packager and just want to update the PHP package, you can do it with the following line.

```
sudo /usr/local/packager/packager.py install tools-frontenddev
```

Included extensions

bcmath bz2 calendar Core ctype curl date dom dtrace ereg exif fileinfo filter ftp gd gettext hash iconv imap intl json ldap libxml mbstring mcrypt memcache memcached mhash mongodb odbcc mysql mysqli mysqlnd OAuth odbc openssl pcntl pcre PDO pdo_dblib pdo_mysql pdo_pgsql pdo_sqlite pgsql Phar posix Reflection session shmop SimpleXML soap sockets solr SPL SQLite sqlite3 standard sysvmsg sysvsem sysvshm tidy tokenizer wddx xdebug xhprof xml xmlreader xmlrpc xmlwriter xsl zip zlib Xdebug

available but disabled by default: apc, xslcache, twig, uploadprogress

See [this output of phpinfo\(\)](#) for more info.

Uninstall

Change in `/etc/apache2/httpd.conf`

```
LoadModule php5_module /usr/local/php5/libphp5.so
```

to

```
LoadModule php5_module          libexec/apache2/libphp5.so
```

also delete the file `+php-osx.conf` and `+entropy-php.conf` in `/etc/apache2/other`

and optionally remove `/usr/local/php5-*`

Reinstall

To reinstall an already installed package, it's version has to be removed from the file `/usr/local/pkgager/registry.log`.

```
sudo $EDITOR /usr/local/pkgager/registry.log
```

To forget all installed packages simply remove the file:

```
sudo rm -rf /usr/local/pkgager/registry.log
```

Source Code

- [build-entropy-php](#). Needed for generating the PHP binaries and all the needed libraries
- [packager](#) by local.ch. This downloads and install the package on your computer.
- [php-osx](#). The scripts needed for doing the package and this webpage

Thanks

Thanks to Local.ch, which made all the groundwork for this. And thanks to Liip (and especially [Patrick](#)) for everything else.



Support

We can't provide support for this, but Pull Requests are always welcome. And use the [github issues page](#) for filing bug reports.

Tweets by @php_osx



php-osx.liip.ch

@php_osx

Replying to @php_osx

We won't shut down the service, you can still use and download the existing binaries and scripts. There's no plan to shut that down. We had a good time and learnt a lot. Hope you too.

Thanks for all the fish ;)

Nov 30, 2020



php-osx.liip.ch

@php_osx

It's time to say goodbye to php-osx.liip.ch. We finally put a deprecation notice on the web page, as we won't maintain the project any further. We recommend using a homebrew based setup for the latest and greatest PHP (they already have PHP 8 \o/).

Nov 30, 2020

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Latest releases

```
PHP 7.3.8 for OS X 10.10-10.13 uploaded at 2019-08-11
PHP 7.2.21 for OS X 10.10-10.13 uploaded at 2019-08-11
PHP 7.1.31 for OS X 10.10-10.13 uploaded at 2019-08-11
PHP 7.0.31 for OS X 10.10-10.13 uploaded at 2018-09-03
PHP 5.6.36 for OS X 10.10-10.13 uploaded at 2018-07-03
PHP 5.6.36 for OS X 10.8 /10.9 uploaded at 2018-06-23
PHP 5.5.38 for OS X 10.10-10.13 uploaded at 2016-08-31
PHP 5.5.38 for OS X 10.8 /10.9 uploaded at 2016-08-31
PHP 5.5.38 for OS X 10.6 /10.7 uploaded at 2016-08-31
PHP 5.4.45 for OS X 10.10-10.13 uploaded at 2016-03-10
PHP 5.4.45 for OS X 10.8 /10.9 uploaded at 2016-03-10
PHP 5.4.45 for OS X 10.6 /10.7 uploaded at 2015-12-26
```

```
PHP 5.3.29 for OS X 10.10-10.13 uploaded at 2014-10-19
PHP 5.3.29 for OS X 10.8 /10.9  uploaded at 2014-08-18
PHP 5.3.29 for OS X 10.6 /10.7  uploaded at 2014-08-14
```