

Finding PHP problems

with tools like
Xdebug and XHPProf

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Profiling vs Debugging

Profiling

- How fast?
- Where am I spending my time?
- Where am I loading up in memory?

Debugging

- At any given point, what is happening?
- Step forward and backward through code

Profiling with XHProf

Install via pecl.php.net

```
sudo pecl install -f xhprof
```

or homebrew

```
brew install php54-xhprof
```

or boxen...

(another discussion for another time)

Configuring php.ini

```
extension=/path/to/the/xhprof.so
```

```
extension=/opt/boxen/phpenv/versions/5.4.17/modules/xhprof.so
```

Restart web server

```
apache2ctl restart
```

```
/opt/boxen/bin/boxen --restart-service php-fpm.5.4.17
```

Check to make sure

```
~ $ php -i | grep xhprof
/opt/boxen/config/php/5.4.17/conf.d/xhprof.ini
xhprof
xhprof => 0.9.2
```

<http://127.0.0.1:8888/admin/reports/status/php>

Lots of Examples!

Sorry, no slide for this part

Debugging with XDebug

Install via pecl.php.net

```
sudo pecl install -f xdebug
```

or homebrew

```
brew install php54-xdebug
```

or boxen...

```
(another discussion for another time)
```


Configuring PHP.ini

```
extension=/path/to/the/debux.so
```

```
extension=/opt/boxen/phpenv/versions/5.4.17/modules/xdebug.so
```

Restart web server

```
apache2ctl restart
```

```
/opt/boxen/bin/boxen --restart-service php-fpm.5.4.17
```

Check to make sure

```
$ php -i | grep xdebug
/opt/boxen/config/php/5.4.17/conf.d/xdebug.ini,
xdebug
xdebug support => enabled
xdebug.auto_trace => Off => Off
...
```

<http://mywebsite.com/admin/reports/status/php>

XDebug needs Code

Needs an IDE to follow along

- Sublime
- Vi
- NetBeans



PHPStorm by JetBrains

Lots of Examples!

Sorry, no slide for this part

Resources

XHProf

- <https://www.drupal.org/node/946182>
- <https://spinpress.com/profiling-php-code-wordpress/>

Xdebug

- <http://www.jetbrains.com/phpstorm/webhelp/configuring-xdebug.html>

IDE

- <http://www.jetbrains.com/phpstorm/>

Thanks!

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