

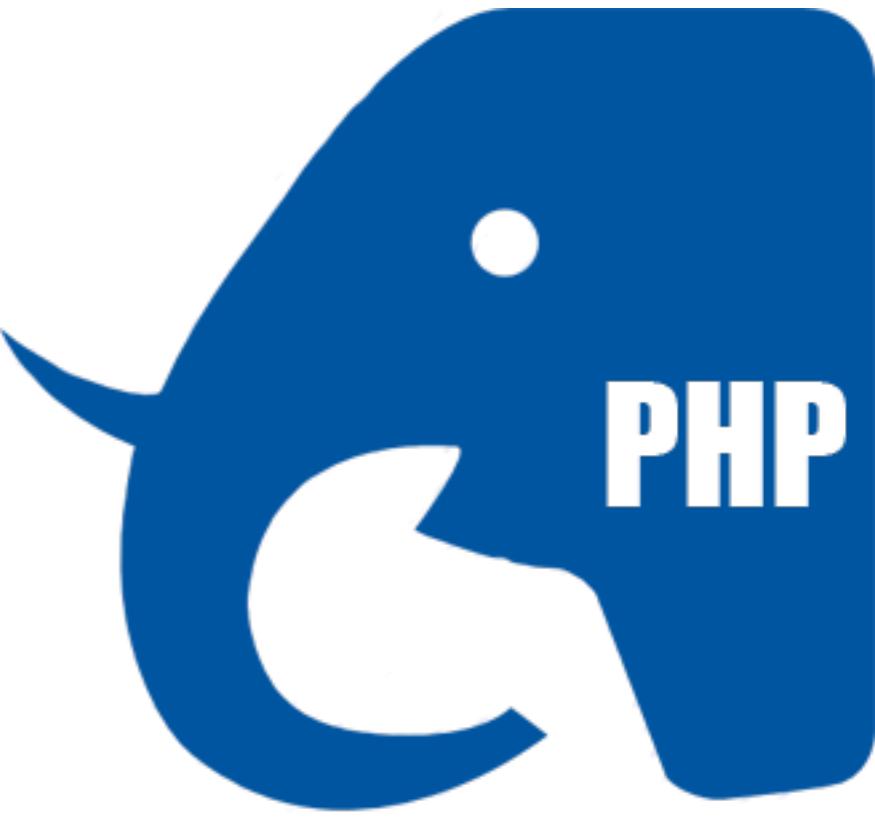
자꾸 끌릴것 같은 PHP7.I 알아보기

안정수
@findstar



목차

1. PHP7.1 이 왔어요.
2. Performance
3. New features
4. Migration
5. 결론



I. PHP7.1



A look at what's coming to

PHP 7.1

Are your Web Application Ready?

I-I. PHP7.1?

[PHP 7.1.0 Released »](#)

01 Dec 2016

The PHP development team announces the immediate availability of PHP 7.1.0. This release is the first point release in the 7.x series.

PHP 7.1.0 comes with numerous improvements and new features such as

- [Nullable types](#)
- [Void return type](#)
- [Iterable pseudo-type](#)
- [Class constant visibility modifiers](#)
- [Square bracket syntax for list\(\)](#) and [the ability to specify keys in list\(\)](#)
- [Catching multiple exceptions types](#)
- [Many more features and changes...](#)

I-2. 난 아직 PHP 5.x 인데..

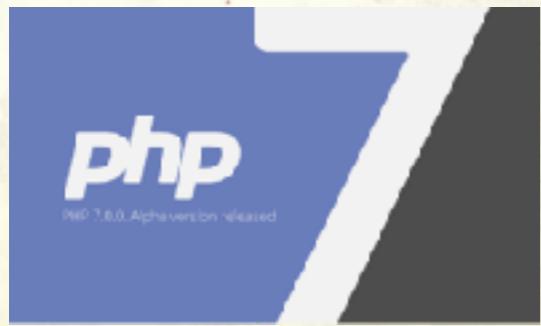
5.5 까지는 지원 종료되었어요

Branch	Initial Release		Active Support Until		Security Support Until	
5.6 *	28 Aug 2014	2 years, 4 months ago	31 Dec 2016	2 days ago	31 Dec 2018	in 1 year, 11 months
7.0	3 Dec 2015	1 year ago	3 Dec 2017	in 11 months	3 Dec 2018	in 1 year, 11 months
7.1	1 Dec 2016	1 month ago	1 Dec 2018	in 1 year, 10 months	1 Dec 2019	in 2 years, 10 months

Or, visualised as a calendar:



2. Performance



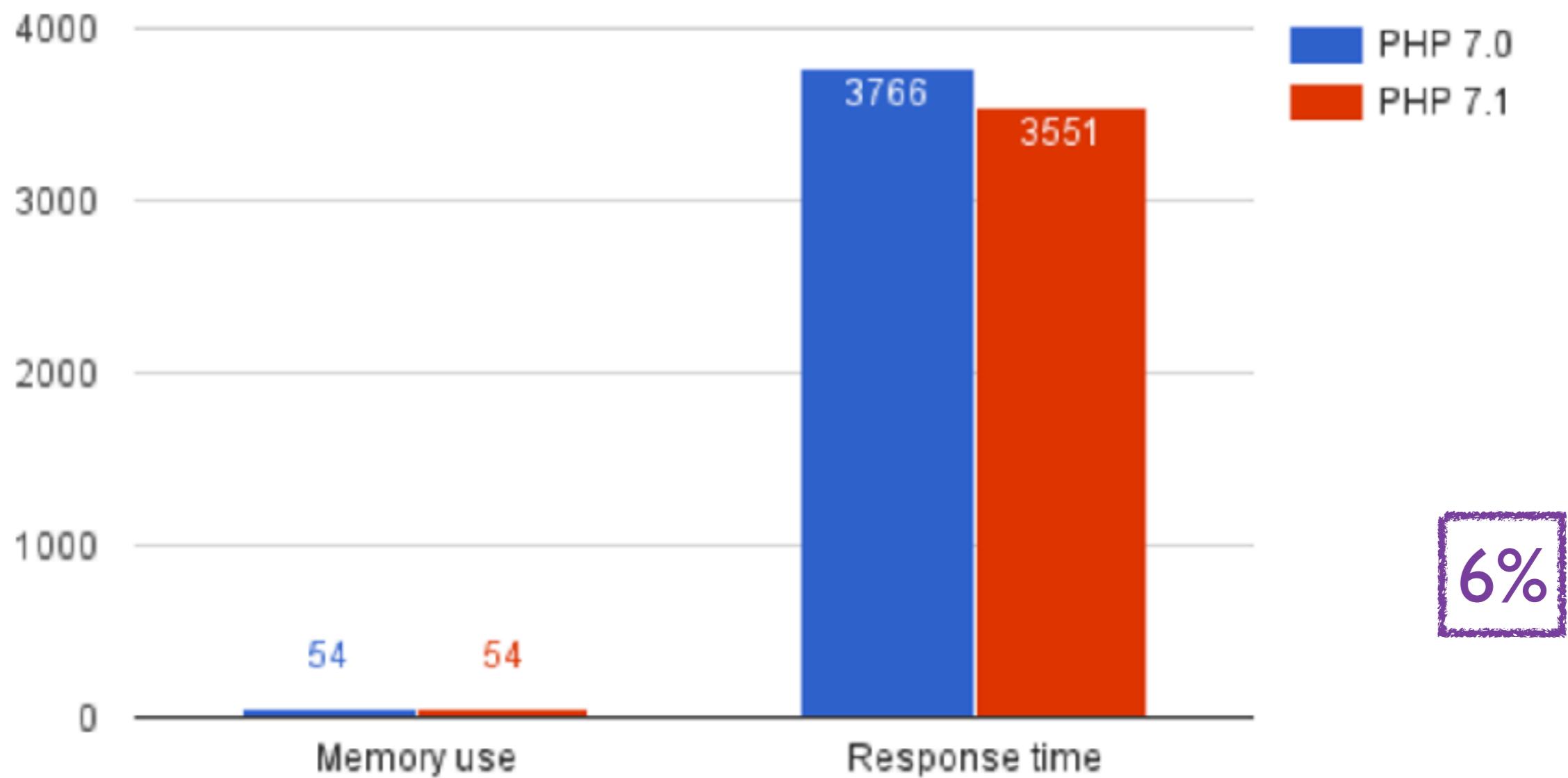
3-1. Benchmark Env



2012 mid Macbook Pro Retina
Vagrant Homestead Image

3-2. Benchmark Test (Symfony)

PHP 7.0 and PHP 7.1



3. New features in PHP7.1



“PHP7.1 with you”

3-1. Nullable Types

```
function getNumber(): int {  
    return 6;  
}  
// OK.
```

```
function getNumber(): int {  
    return 'six';  
}  
// wrong
```

3-1. Nullable Types

```
function getNumber(): ?int {  
    return null;  
}
```

// Null is allowed, so all is well

3-2. Void return

```
function perform_a_job() : void {  
    return;  
    // This is fine, it returns null  
}
```

```
function perform_a_task() : void {  
    // This is also fine, it returns null  
}
```

3-2. Multi Catch Exception

```
try {  
    // some code  
  
} catch (FirstException | SecondException $e) {  
    // handle first and second exceptions  
}
```

3-3. Class constant visibility

```
class Token {  
    private const PRIVATE_CONST = 0;  
    protected const PROTECTED_CONST = 0;  
    public const PUBLIC_CONST_TWO = 0;  
}
```

3-4.Curl HTTP/2 server push

[start](#) › [rfc](#) › [curl_http2_push](#)

PHP RFC: ext/curl HTTP/2 Server Push Support

- Version: 0.1
- Date: 2015-10-01
- Author: Davey Shafik, davey@php.net
- Status: Approved
- First Published at:  https://wiki.php.net/rfc/curl_http2_push

3-5. Negative string offsets

```
strpos($needle, $haystack, $offset = 0);
```

3-6. Deprecate and remove mcrypt()

In PHP 7.1 모든 mcrypt_* 함수는

E_DEPRECATED

In PHP 7.1+1 (be it 7.2 or 8.0) 제거 예정

4. Migration



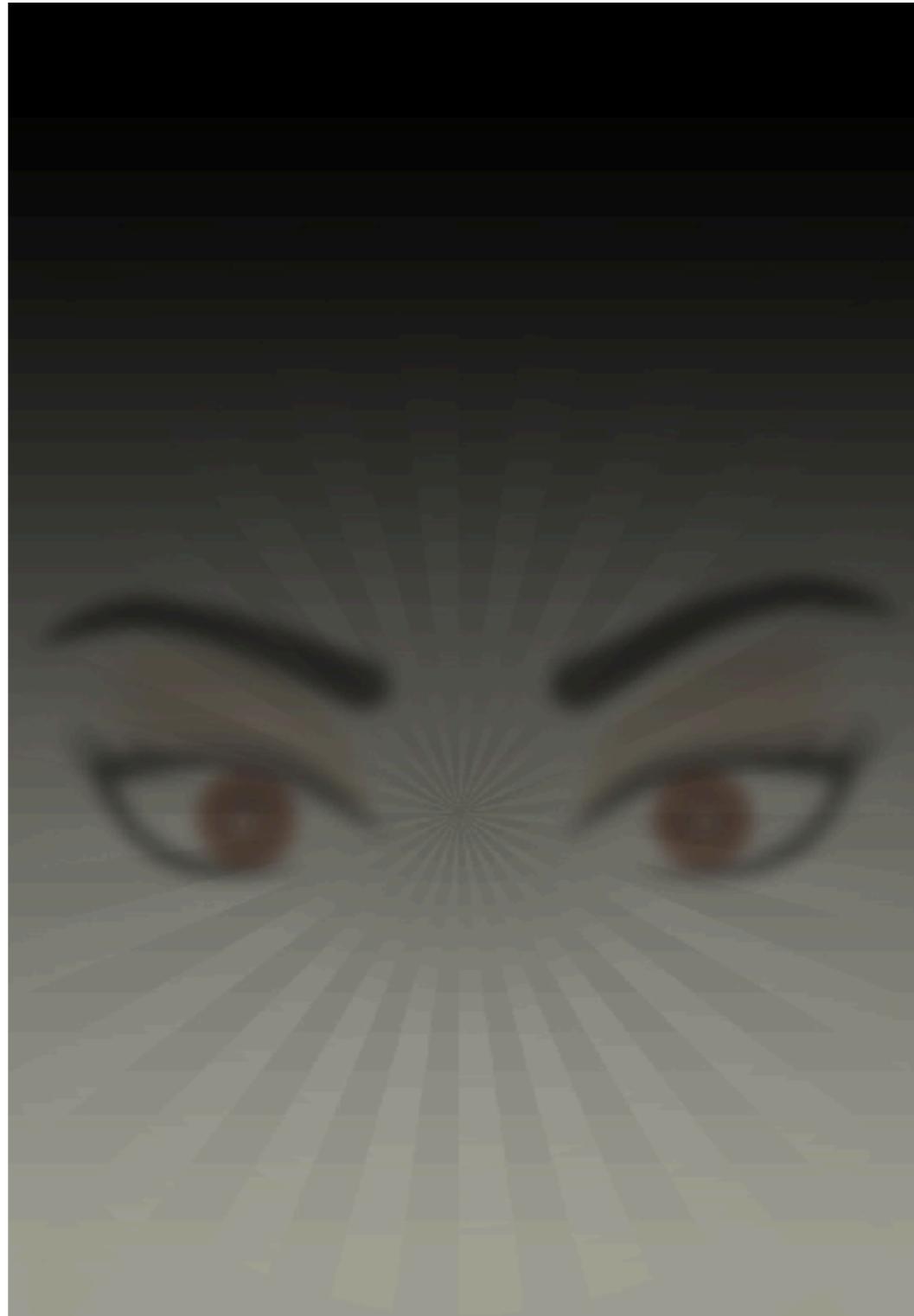
MISSION MIGRATION

PHP7.1

4- I. Migration

[https://github.com/php/php-src/blob/php-7.1.0RC6/
UPGRADING](https://github.com/php/php-src/blob/php-7.1.0RC6/UPGRADING)

4-2. 이것만은 꼭!



4-3. too few function arguments

```
<?php  
function test($param){}  
test();
```

Fatal error: Uncaught ArgumentCountError: Too
few arguments to function test(), 0 passed in %s
on line %d and exactly 1 expected in %s:%d

4-3. 두가지 새로운 예약어

void
iterable

클래스, 인터페이스, 트레이트 명으로 사용 불가!

4-4. Removed ini

```
session.entropy_file  
session.entropy_length  
session.hash_function  
session.hash_bits_per_character
```

4-5. JSON en/decoding precision

```
<?php  
var_dump(json_decode(json_encode([" =>  
|])));  
  
object(stdClass)#1 (1) {  
    ["=>  
     int(1)  
}
```

4-6. 나머지는 매뉴얼 참고!

<http://php.net/manual/en/migration71.incompatible.php>

5. 결론



약 드실 시간입니다.

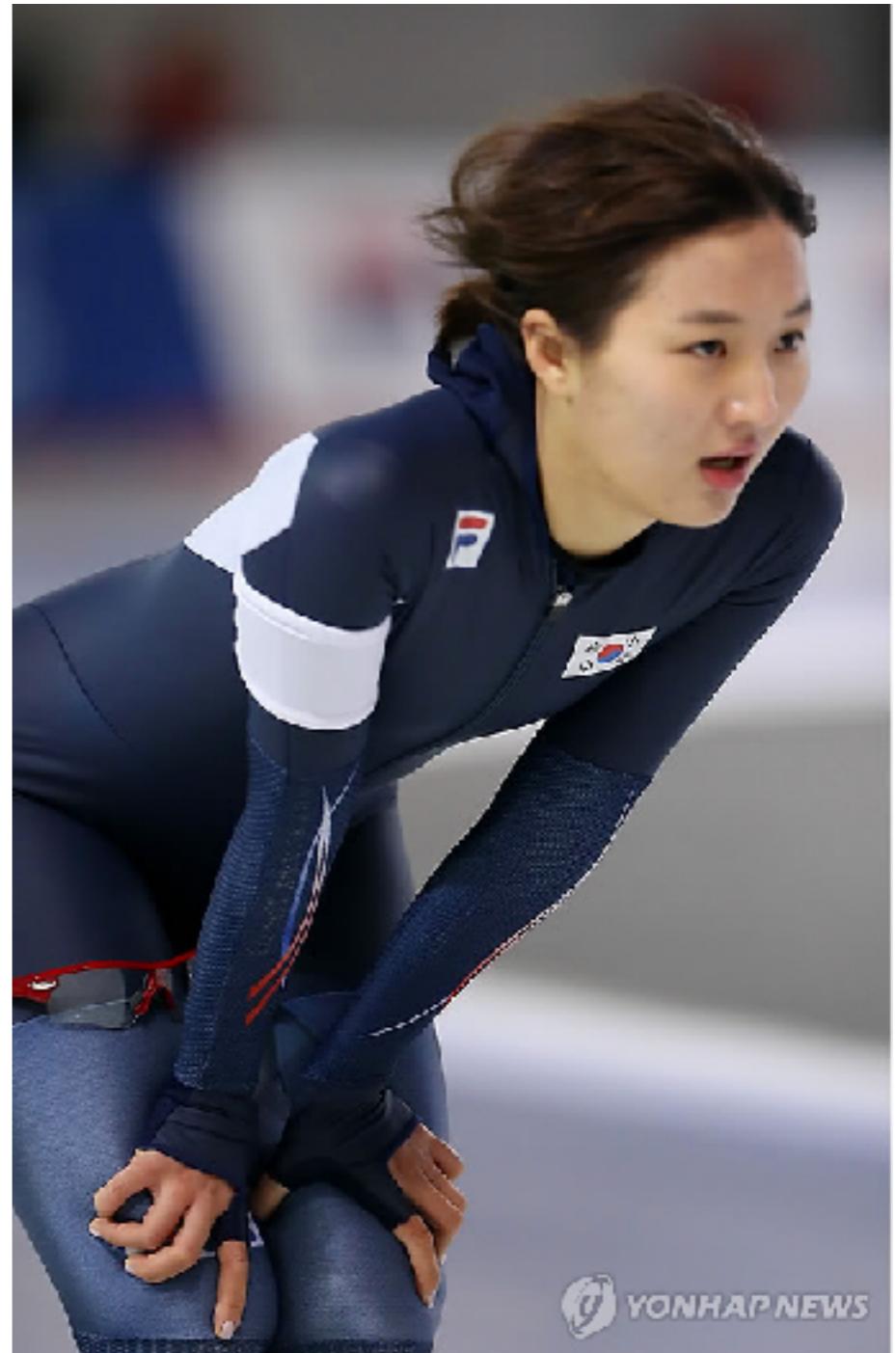
5. I 버전좀 올리세요.

5.3~5.5 를 사용중이라면 버전업 GOGO!



5.2 7.I 은 숨고르기 버전

7.0 의 많은 변화를
가다듬고 조절하는
숨고르기 같은 버전



5.2 NEXT?

1. PDO Prepared Statement Emulation
2. Convert numeric keys in object/array casts
3. `get_class()` disallow null parameter
4. Counting of non-countable objects
5. Deprecate `png2wbmp()` and `jpeg2wbmp()`
6. Implement `socket_getaddrinfo()`
7. Argon2 in password hash

<https://wiki.php.net/rfc>

끝

감사합니다.

