

@tobiasnyholm

PHP 7.2

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Open source

Neo4j

FriendsOfApi/boilerplate

Guzzle

Buzz

Swap

NSA

LinkedIn API client

PSR7

PHP-cache
CacheBundle

~~JMS~~TranslationBundle
PHP-Translation

KNP Github API

Mailgun

Stampie

HTTPPlug

SymfonyBundleTest

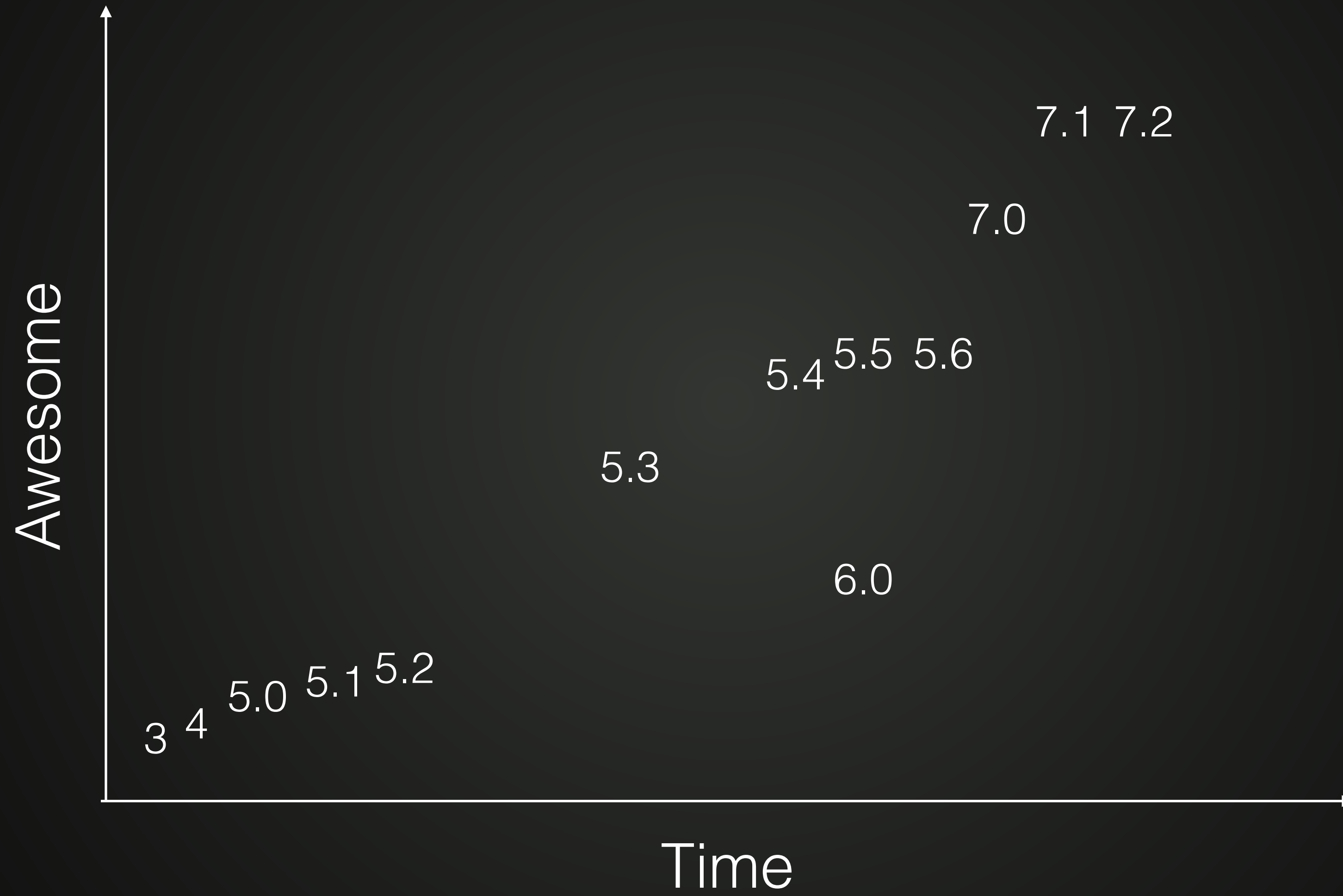
SimpleBus integrations

PHP-Geocoder

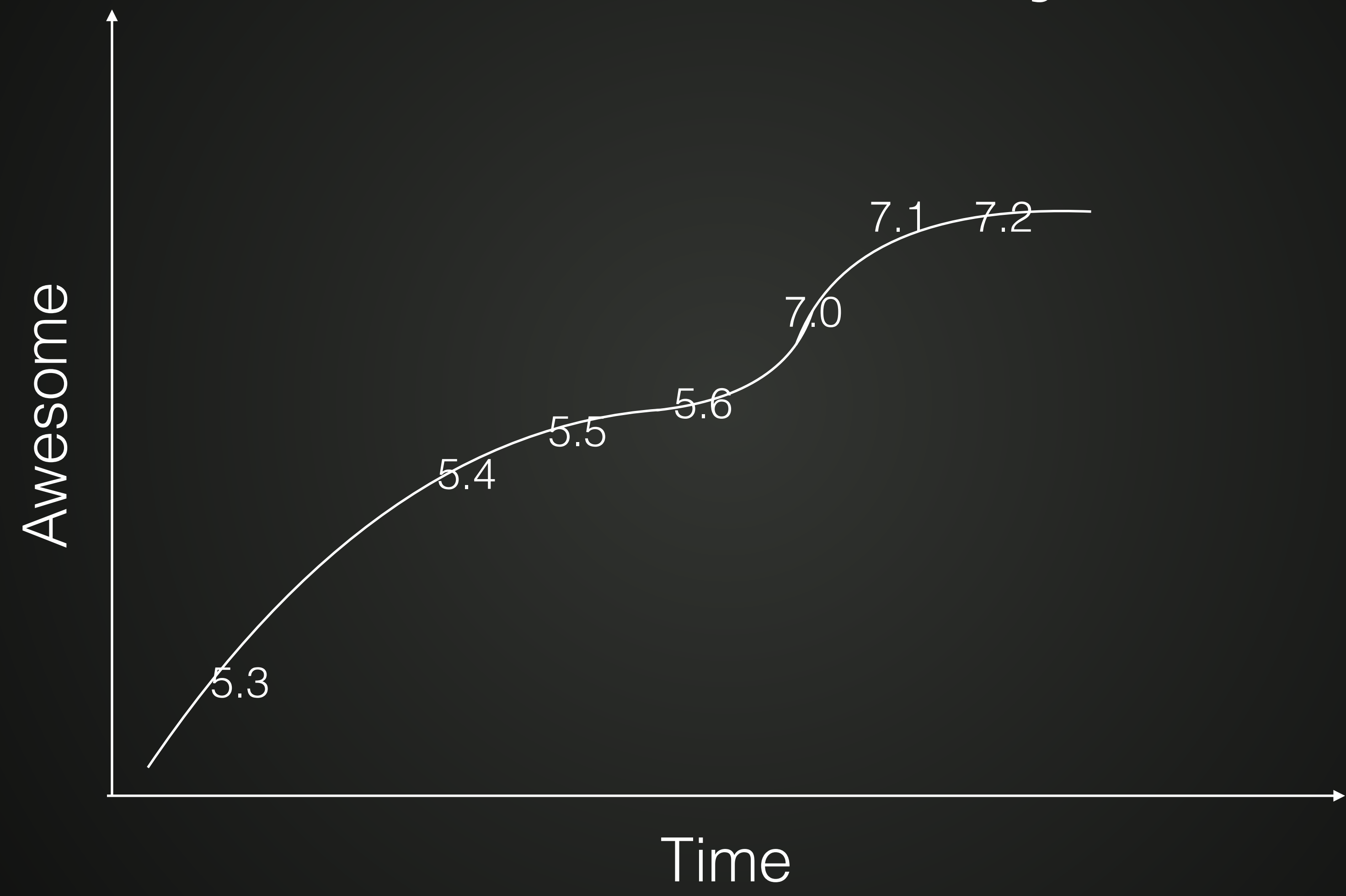
PSR HTTP clients

BazingaGeocoderBundle

PHP History



PHP History



Object type

```
<?php  
  
function test(object $obj) : object  
{  
    return new SplQueue();  
}  
  
test(new StdClass());
```

Argon2

- PASSWORD_ARGON2I
- PASSWORD_ARGON2_DEFAULT_MEMORY_COST
- PASSWORD_ARGON2_DEFAULT_TIME_COST
- PASSWORD_ARGON2_DEFAULT_THREADS

password_*

Parameter type widening

```
<?php

interface A
{
    public function Test(array $input);
}

class B implements A
{
    public function Test($input){} // type omitted for $input
}
```

Abstract method overriding

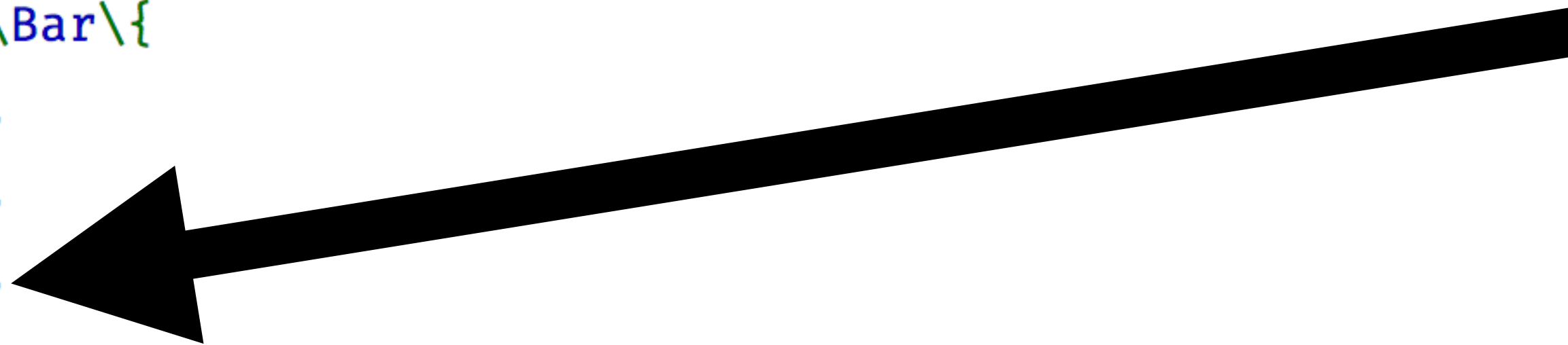
```
<?php

abstract class A
{
    abstract function test(string $s);
}

abstract class B extends A
{
    // overridden - still maintaining contravariance for parameters and covariance for return
    abstract function test($s) : int;
}
```


Trailing comma for grouped ns

```
<?php  
  
use Foo\Bar\  
    Foo,  
    Bar,  
    Baz,  
};
```



Functions?

Plenty!

stream_isatty

```
posix_isatty(mixed $fd)
```


ftp_append

imagebmp

- `imagesetclip()`
- `imagegetclip()`
- `imageopenpolygon()`
- `imageresolution()`
- `imagecreatefrombmp()`

hash_hmac_algos

```
1 <?php
2
3 var_dump(hash_hmac_algos());
```

eval();

Output  Performance VLD opcodes References Segmentation fault HHVM by

Output for 7.2.0beta2 - 7.2.0rc4

```
array(44) {
  [0]=>
  string(3) "md2"
  [1]=>
  string(3) "md4"
  [2]=>
  string(3) "md5"
  [3]=>
  string(4) "sha1"
  [4]=>
  string(6) "sha224"
  [5]=>
  string(6) "sha256"
  [6]=>
  string(6) "sha384"
  [7]=>
  string(10) "sha512/224"
```

Multibyte String

- `mb_chr()`
- `mb_ord()`
- `mb_scrub()`

BC Breaks

number_format

```
<?php
```

```
var_dump(number_format(-0.01)); // now outputs string(1) "0" instead of string(2) "-0"
```

get_class

```
1 <?php
2
3 class A {
4     function foo() {
5         echo get_class(null);
6     }
7 };
8
9 $a = new A();
10 $a->foo();
```

eval();

eol versions

Output

Performance

VLD opcodes

References

Segmentation fault

HHVM bytecode

RFC branches

Output for 7.2.0alpha1 - 7.2.0rc4

Warning: get_class() expects parameter 1 to be object, null given in /in/VAJ7N on line 5

Output for 5.6.0 - 5.6.30, hhvm-3.18.5 - 3.22.0, 7.0.0 - 7.1.11

A

Warning when non-countable

```
<?php  
  
var_dump(  
    count(1), // integers are not countable  
    count('abc'), // strings are not countable  
    count(new stdClass), // objects not implementing the Countable interface are not countable  
    count([1,2]) // arrays are countable  
);
```


Deprecations

__autoload

Use `spl_autoload_register()`

Or `composer.....`

create_function

Use anonymous functions

parse_str

Second argument is a requirement

each()

```
<?php
$foo = array("bob", "fred", "jussi", "jouni", "egon", "marliese");
$bar = each($foo);
print_r($bar);
?>
```

\$bar now contains the following key/value pairs:


```
Array
(
    [1] => bob
    [value] => bob
    [0] => 0
    [key] => 0
)
```

This is PHP 7.2

Anything missing?

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PHP


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 **PHP » Add Generics support**

60 **Open** **\$ 1,020**

Overview **Backers 3** [View on External Site](#)

 matutetandil at gmail dot com created this issue 4 years ago.

Description:

Add generics support to PHP. So you can declare classes like this:

```
class MyGenericClass<T> {  
    private $object;  
  
    public function __construct() {  
        $this->object = new T();  
    }  
}
```

or

```
class MyGenericClass<T extends SuperTClass> {  
    private $object;  
  
    public function __construct() {  
        $this->object = new T();  
    }  
}
```

<https://www.bountysource.com/issues/20553561-add-generics-support>