



# PHP VIGO

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DE VIGO



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pedrofigueras

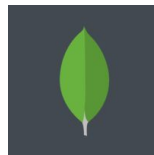




Altia **Senior Developer**  
Disfrutando del desarrollo web  
desde 1998.

 @rolando\_caldas

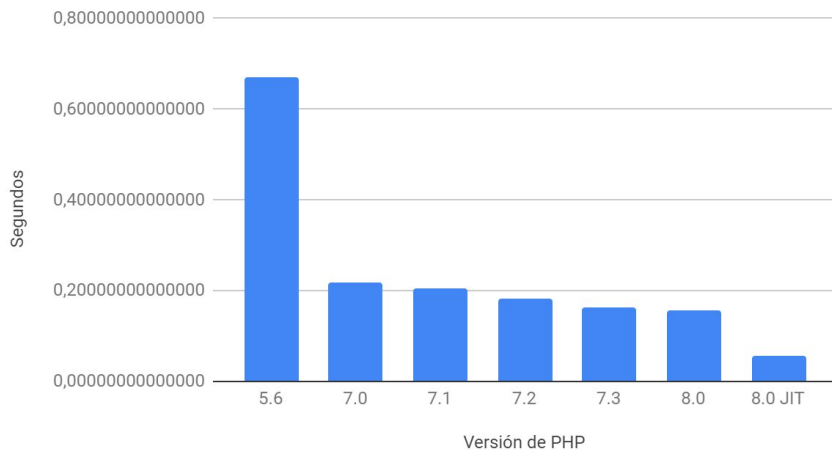
<https://rolandocaldas.com>



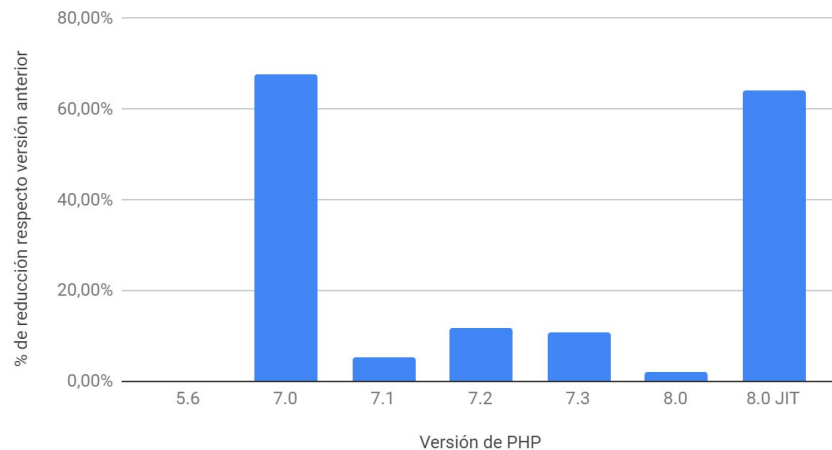
# The Summary

# PHPVigo #28: Lightning PHP speed

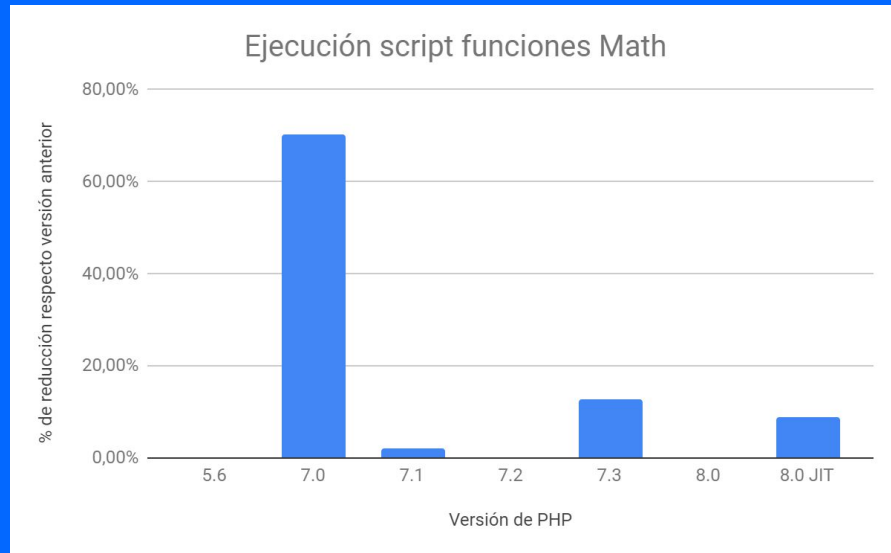
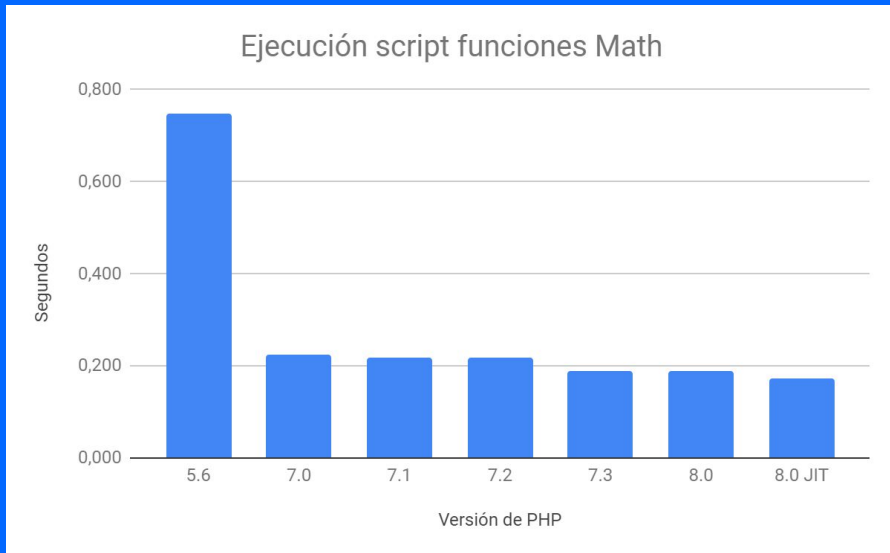
Ejecución script serie Fibonacci



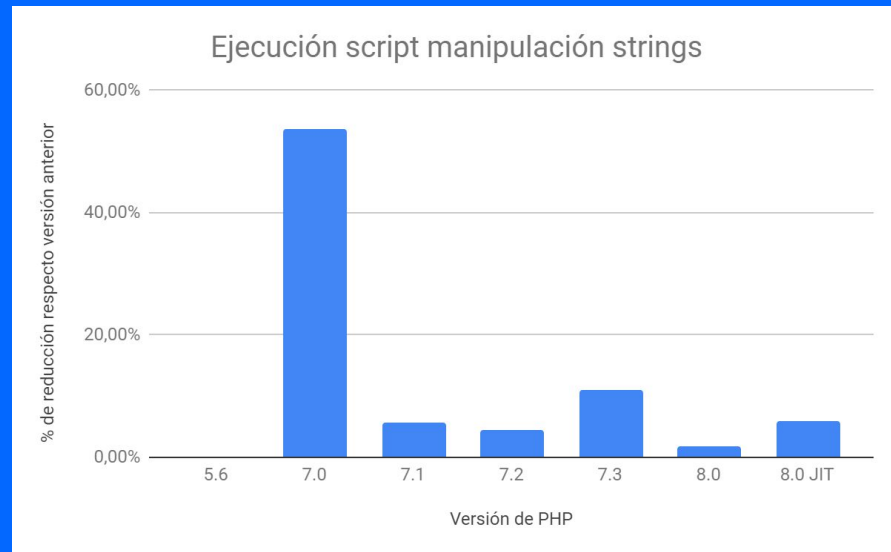
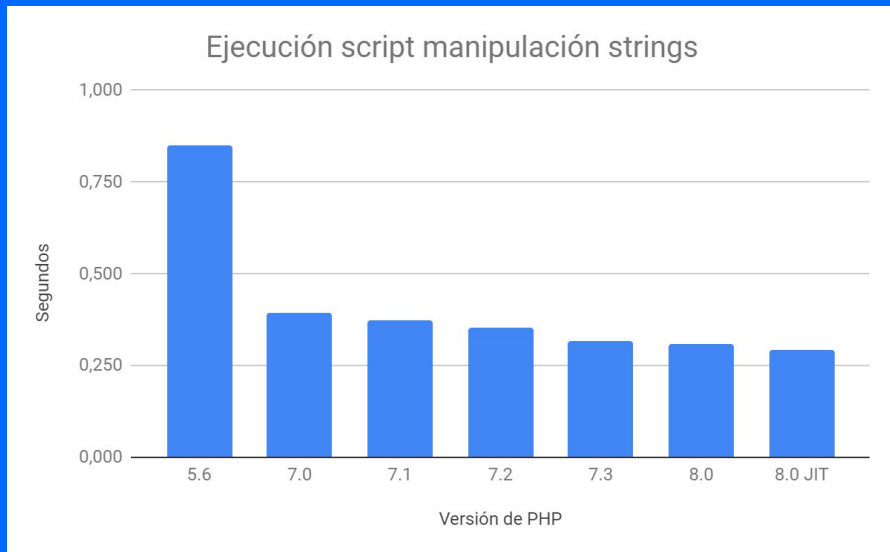
Ejecución script serie Fibonacci



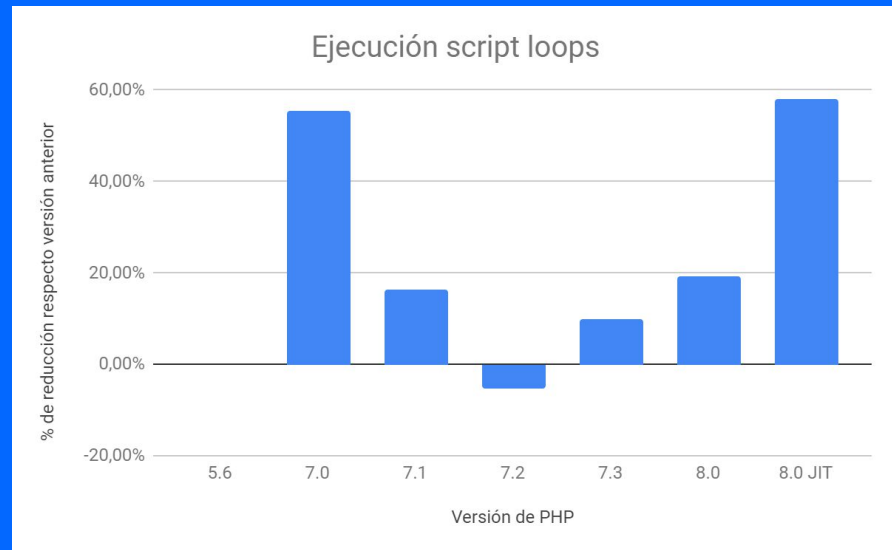
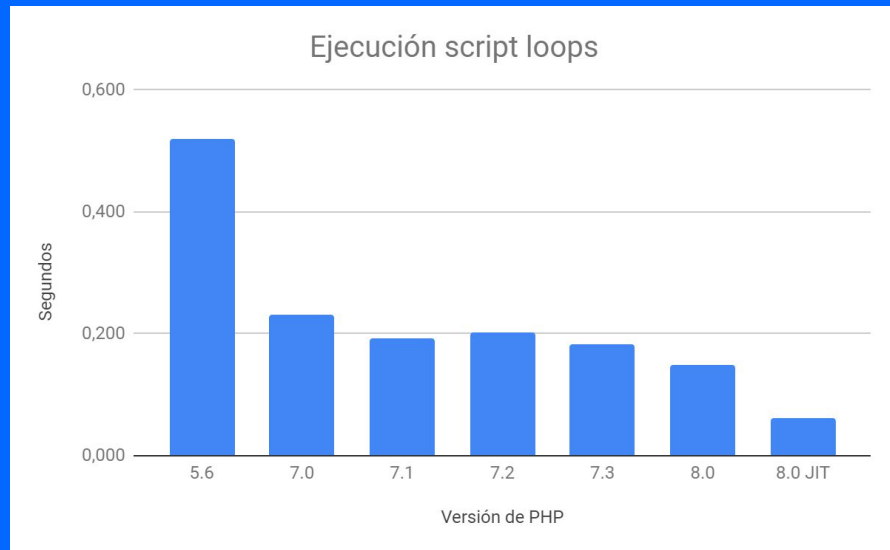
# PHPVigo #28: Lightning PHP speed



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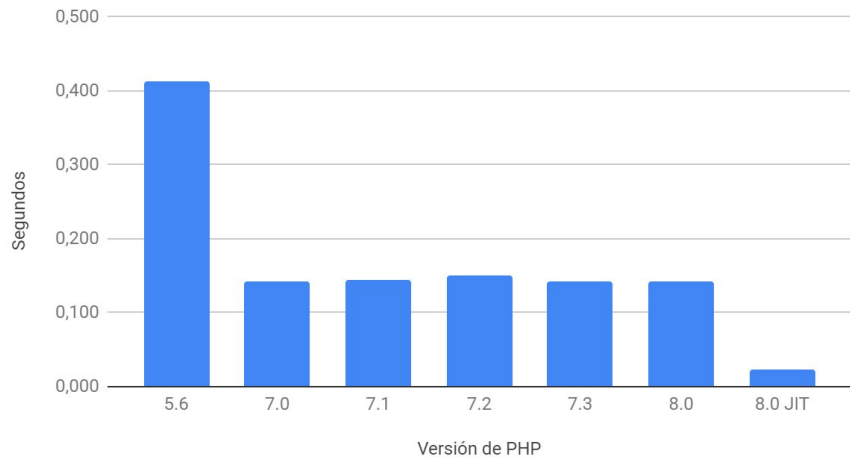


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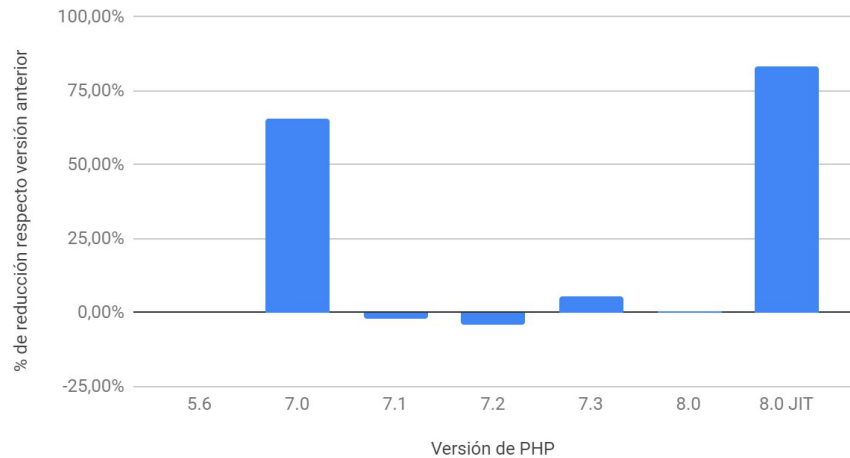


# PHPVigo #28: Lightning PHP speed

Ejecución script if/else



Ejecución script if/else





## PHPVigo #28: Lightning PHP speed

# The Machine

## PHPVigo #28: Lightning PHP speed

i5 7<sup>a</sup> Generación

16 GB DDR4

Disco SSD

Docker

## PHPVigo #28: Lightning PHP speed

# The Scripts

# PHPVigo #28: Lightning PHP speed

- <https://arkadiuszkondas.com/how-to-run-php-8-with-jit-support-using-docker/>
- <http://www.php-benchmark-script.com>

# The Commands

# PHPVigo #28: Lightning PHP speed

```
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:5.6-cli-alpine php fibo.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.0-cli-alpine php fibo.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.1-cli-alpine php fibo.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.2-cli-alpine php fibo.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.3-cli-alpine php fibo.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app akondas/php:8.0-cli-alpine php fibo.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app akondas/php:8.0-cli-alpine php -d
"zend_extension=opcache.so" -d "opcache.enable_cli=1" -d "opcache.jit_buffer_size=500000000" -d
"opcache.jit=1235" fibo.php

docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:5.6-cli-alpine php bench.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.0-cli-alpine php bench.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.1-cli-alpine php bench.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.2-cli-alpine php bench.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app php:7.3-cli-alpine php bench.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app akondas/php:8.0-cli-alpine php bench.php
docker run -it -v ${PWD}:/usr/src/app -w /usr/src/app akondas/php:8.0-cli-alpine php -d
"zend_extension=opcache.so" -d "opcache.enable_cli=1" -d "opcache.jit_buffer_size=500000000" -d
"opcache.jit=1235" bench.php
```

## PHPVigo #28: Lightning PHP speed

# The Results

# PHPVigo #28: Principios SOLID en la vida Real

PHP	Script serie Fibonacci	% reducción
5.6	0,67143297195435	0,00%
7.0	0,21691703796387	67,69%
7.1	0,20560097694397	5,22%
7.2	0,18120694160461	11,86%
7.3	0,16146206855774	10,90%
8.0	0,15795779228210	2,17%
8.0 JIT	0,05659103393555	64,17%



# PHPVigo #28: Principios SOLID en la vida Real

PHP	Funciones Math	% reducción
5.6	0,748	0,00%
7.0	0,223	70,19%
7.1	0,218	2,24%
7.2	0,218	0,00%
7.3	0,190	12,84%
8.0	0,190	0,00%
8.0 JIT	0,173	8,95%

# PHPVigo #28: Principios SOLID en la vida Real

PHP	Manipulación strings	% reducción
5.6	0,849	0,00%
7.0	0,394	53,59%
7.1	0,372	5,58%
7.2	0,355	4,57%
7.3	0,316	10,99%
8.0	0,310	1,90%
8.0 JIT	0,292	5,81%

# PHPVigo #28: Principios SOLID en la vida Real

PHP	Loops	% reducción
5.6	0,520	0,00%
7.0	0,231	55,58%
7.1	0,193	16,45%
7.2	0,203	-5,18%
7.3	0,183	9,85%
8.0	0,148	19,13%
8.0 JIT	0,062	58,11%

# PHPVigo #28: Principios SOLID en la vida Real

PHP	if/else	% reducción
5.6	0,413	0,00%
7.0	0,142	65,62%
7.1	0,145	-2,11%
7.2	0,151	-4,14%
7.3	0,143	5,30%
8.0	0,142	0,70%
8.0 JIT	0,024	83,10%

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