

# Certificación PHP5 Zend por Guillaume Viguier-Just

URL diapositivas:  
<http://beeznest.wordpress.com>



# Plan

- Introducción: que es la certificación PHP5 Zend ?
- PHP5 o PHP 5.3 ?
- Preparación: requisitos previos y exámenes de prueba
- Contenido: 70 preguntas, 12 temas
- Conclusión: después de la certificación



# Introducción: que es la certificación Zend ?

- Realizado por la empresa Zend, empresa del creador de PHP
  - Examen que garantiza un **conocimiento avanzado** del lenguaje de programación PHP
  - Buen **reconocimiento** de la certificación por las empresas
- Buen punto en el **curriculum**



# PHP 5 o PHP 5.3 ?

- Hasta Octubre 2010: certificación PHP 5
- Desde Octubre 2010: certificación PHP 5.3
- Casi el mismo programa, pero mayor precio (\$195 en vez de \$125) !



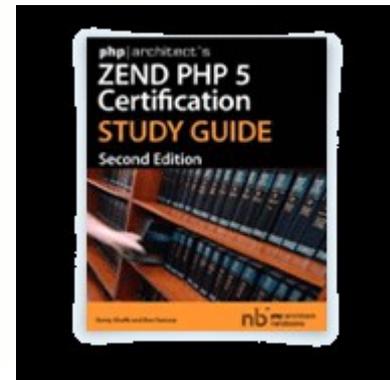
# Preparación: requisitos previos

- **Experiencia** en PHP al menos de 1 año
- Buen conocimiento de la **arquitectura web** (HTTP GET, POST, PUT, cookies)
- Buen conocimiento de la **programación orientada a objetos**
- Buen conocimiento del **XML** (incluyendo XPath)



# Preparación: libro de estudio

- URL: <http://www.zceguide.com/>
- 12 capítulos que cubren todo el programa de la certificación PHP 5 (NO PHP 5.3 !)
- Precio del ebook: \$ 30



# Preparación: exámenes de prueba

- Zend daba la posibilidad de comprar exámenes de prueba para la certificación PHP 5
  - 1 exam: \$10
  - 5 exams: \$17
  - 10 exams: \$22
- Cómo en el real examen: preguntas de la misma dificultad, 70 preguntas en 90 minutos
- Certificación PHP 5.3: por ahora, no se puede tomar exámenes de prueba



# Preparación: exámenes de prueba

## GRADING

(All answers)

Category	Grade
Basic Language	 EXCELLENT
PHP 4/5 differences	 EXCELLENT
Arrays	 FAIL
Streams and Network Programming	 PASS
String Manipulation and Regular Expressions	 PASS
Functions	 EXCELLENT
Database Access	 PASS
OOP	 EXCELLENT
Web Features	 EXCELLENT
XML & Web Services	 EXCELLENT
Design	 EXCELLENT
Security	 EXCELLENT



## FINAL SCORE

EXCELLENT



# Preparación: costo y tiempo

- Costo: \$ 195 (certificación) + \$ 22 (exámenes de prueba) + \$ 30 (libro) = \$ 247
- Tiempo: depende de su experiencia
- 2 semanas, 2 horas por día, lunes-viernes, 4 años de experiencia



# Contenido: 70 preguntas, 12 temas

- 70 preguntas en 90 minutos

## PHP 5

- PHP Basics
- Functions
- Arrays
- Strings and patterns
- Web programming
- Object Oriented Programming in PHP
- Database Programming
- Elements of Object-Oriented Design
- XML and Web Services
- Security
- Streams and Network Programming
- Differences Between PHP 4 and PHP 5

## PHP 5.3

- PHP Basics
- Functions
- Arrays
- Strings & patterns
- Web Features
- Object Oriented Programming
- Databases
- Eliminado*
- Data Format & Types
- Security
- I/O
- Features of PHP 5.3



# Contenido: preguntas de ejemplo



The Magazine For PHP Professionals

Zend PHP 5 Certification Mock Exam

May 10, 2010

**Question 13/70**



72:29

Questions Answered: 10  
Marked for review: 2

Consider the following HTML fragment:

```
<select name="?????" multiple>
<option value="1">Item #1</option>
<!-- ... more options ... -->
</select>
```

Which of the following name attributes should be used to capture all of the data from the user in PHP?

Answer...

- myselectbox=array()
- myselectbox[]
- myselectbox['multiple']
- myselectbox{'multiple'}
- myselectbox

Mark for Review?

Comments (optional)

 SUBMIT





# Contenido: preguntas de ejemplo

**php | architect**  
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Zend PHP 5 Certification Mock Exam

May 10, 2010

**Question 2/70**  **83:02** Questions Answered: 0  
Marked for review: 1

When migrating the following code from PHP 4 to PHP 5, what should be changed?

```
<?php
class MyClass {
    function MyClass($param) {
        /* Do something with $param */
        $this->_doSomething($param);
    }

    // Private method to MyClass
    function _doSomething($param) {
        /* Do something with $param */
    }
}

class AnotherClass extends MyClass {
    var $param = "foo";

    function AnotherClass() {
        parent::MyClass($this->param);
    }
}
?>
```

Answers: (choose 2)

- Access modifiers should be added to methods
- The Constructors for the objects should both be renamed to \_\_construct
- The use of the parent keyword has changed to 'super'
- Constructors must have the same parameter lists

Mark for Review?

Comments (optional)

 SUBMIT



# Contenido: preguntas de ejemplo



The Magazine For PHP Professionals

## Zend PHP 5 Certification Mock Exam

May 10, 2010

### Question 8/70



77:26

Questions Answered: 5  
Marked for review: 2

What is the output of the following?

```
<?php
function a($number)
{
    return (b($number) * $number);
}

function b(&$number)
{
    ++$number;
}
echo a(5);
?>
```

Answer...

0  
36  
6  
30  
5

Mark for Review?

Comments (optional)

 SUBMIT



# Contenido: preguntas de ejemplo

**php|architect**  
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Zend PHP 5 Certification Mock Exam

May 10, 2010

**Question 26/70**

62:14

Questions Answered: 23  
Marked for review: 2

When checking to see if two variables contain the same instance of an object, which of the following comparisons should be used?

Answer...

- `if($obj1->equals($obj2) && ($obj1 instanceof $obj2))`
- `if($obj1->equals($obj2))`
- `if($obj1 === $obj2)`
- `if($obj1 instanceof $obj2)`
- `if($obj1 == $obj2)`

Mark for Review?

Comments (optional)

**SUBMIT**



# Contenido: preguntas de ejemplo

**php|architect**  
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Zend PHP 5 Certification Mock Exam

May 10, 2010

**Question 38/70**

52:36

Questions Answered: 34  
Marked for review: 3

Event-based XML parsing is an example of which parsing model?

Answer...

- SAX
- DOM
- XML Object Mapping
- XPath
- XQuery

Mark for Review?

Comments (optional)



# Contenido: preguntas de ejemplo

**php | architect**  
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Zend PHP 5 Certification Mock Exam

May 10, 2010

**Question 46/70**

 **43:56** Questions Answered: 42  
Marked for review: 4

To destroy a PHP session completely, one must which of the following?

Answers: (choose 2)

- Regenerate the session ID using `session_regenerate_id()`
- If cookies are used, destroy it
- Use `session_demolish()` to completely destroy the session
- Change the session name using `session_name()`
- Destroy the session data using `session_destroy()`

Mark for Review?

Comments (optional)

 SUBMIT



# Contenido: preguntas de ejemplo



The Magazine For PHP Professionals

Zend PHP 5 Certification Mock Exam

May 10, 2010

**Question 23/70**

64:16

Questions Answered: 20  
Marked for review: 2

Consider the following PHP code segment, which attempts to execute a PDO query:

```
<?php
try {
    $dbh->exec($sql);
} catch (PDOException $e) {
    // display warning message
    $info = $e->errorInfo;
}
?>
```

In the event of a PDOException, \$info is set with the contents of the \$errorInfo property of the exception. Which of the following are accurate descriptions of the contents?

Answers: (choose 3)

- \$info[1] is the database-specific error code
- \$info[2] is the database-specific error message
- \$info[1] is the unified error code
- \$info[0] is the unified error code
- \$info[0] is the Database-specific error message

Mark for Review?

Comments (optional)



# Conclusión: después de la certificación...

- Zend PHP Yellow Pages
- Diploma



The screenshot shows the Zend PHP Yellow Pages website. At the top, there is a navigation bar with links for Solutions, Products, Services, Downloads, Community, Resources, Company, Store, and Support. A search bar is located on the right. Below the navigation bar, the page title is "PHP Yellow Pages". A yellow banner contains the text "Click [here](#) to open the search form." The main content area displays the profile of "Guillaume Julien Viguier-Just", a Zend Certified Engineer. To the right of the name is a "Certification Authentication" badge. Below the name, there is a table of certification details:

ClientCandidateID:	ZEND013933
RegistrationID:	235567733
Certification date:	May 18th, 2010
City:	Lima
Country:	Peru

Below the table is a "SEND MAIL" button. At the bottom left of the profile area is a "zend CERTIFIED ENGINEER PHP 5" badge. At the bottom of the page, there is a "Sign Up for Zend PHP Email Updates" section and a list of links for various Zend services and resources.



Gracias por su atención.

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Preguntas ?

