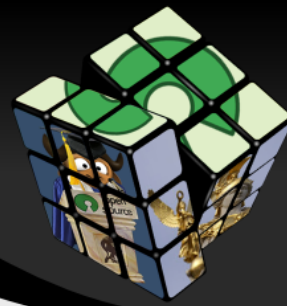


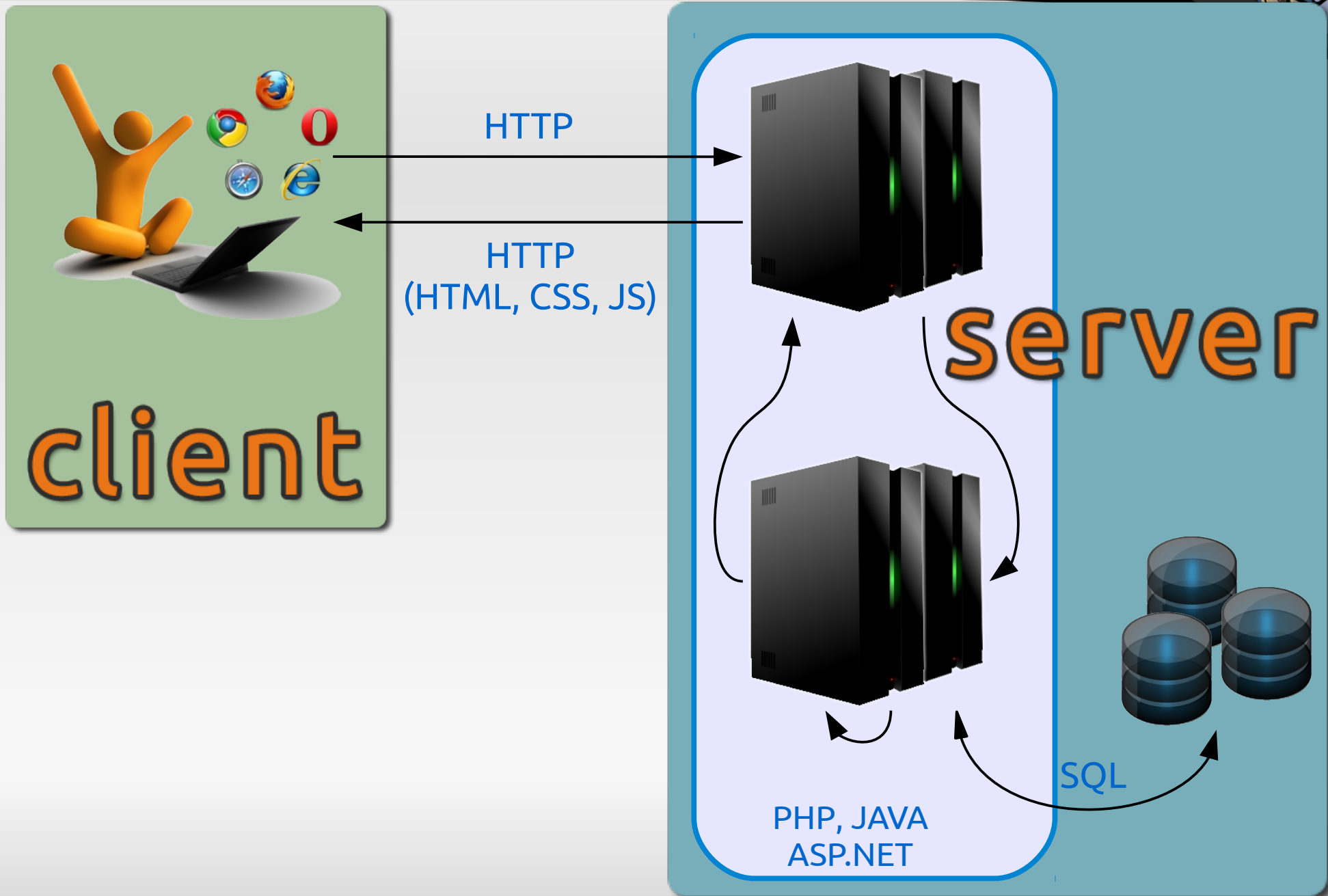
Web Development



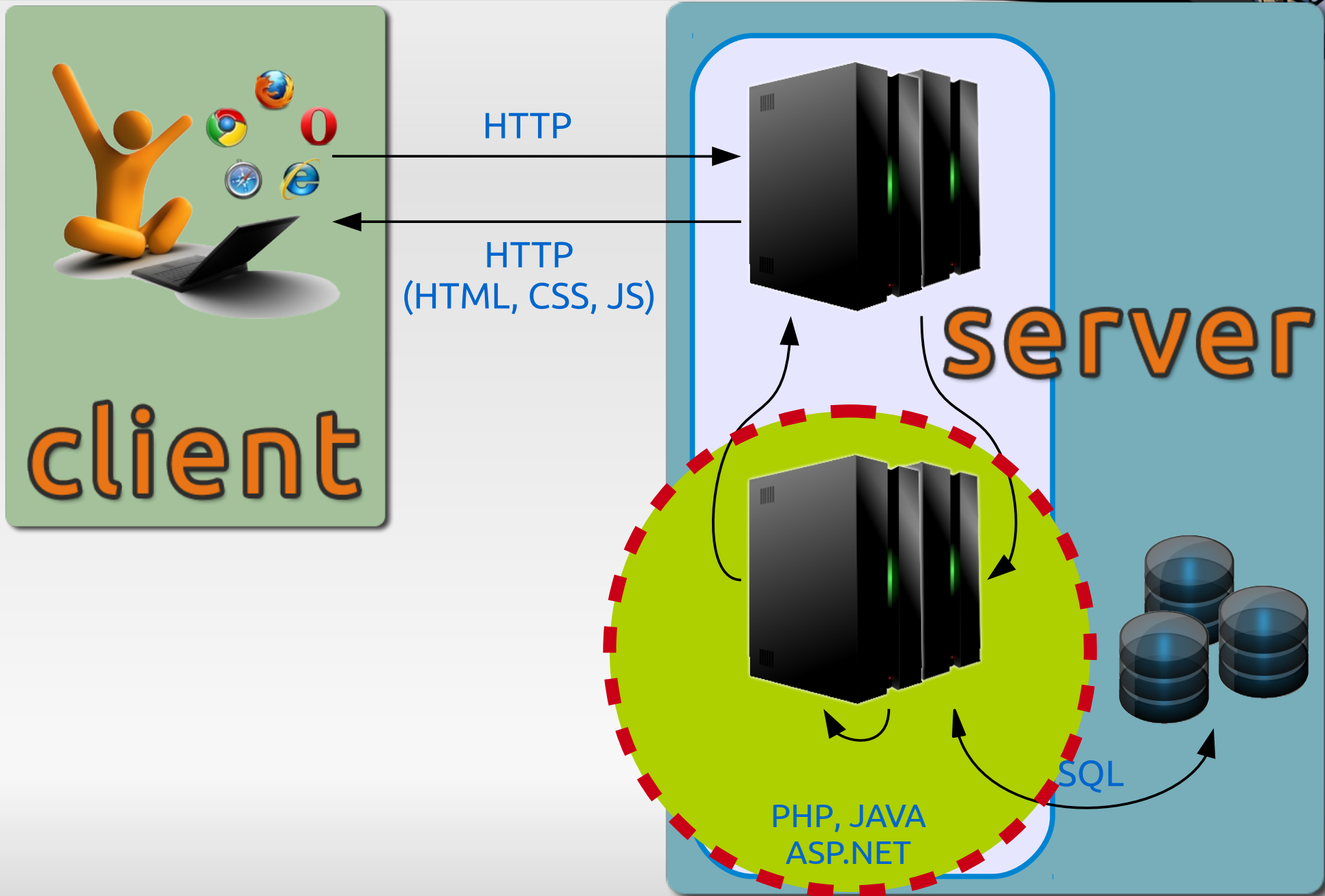


PHP: Hypertext Preprocessor

Where



Where



What

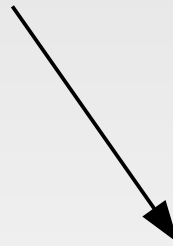


Scripting language

What

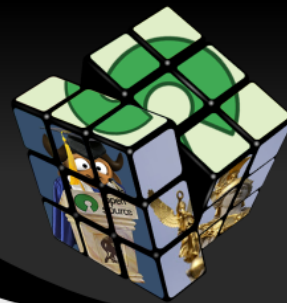


Scripting language



Dynamic pages

How

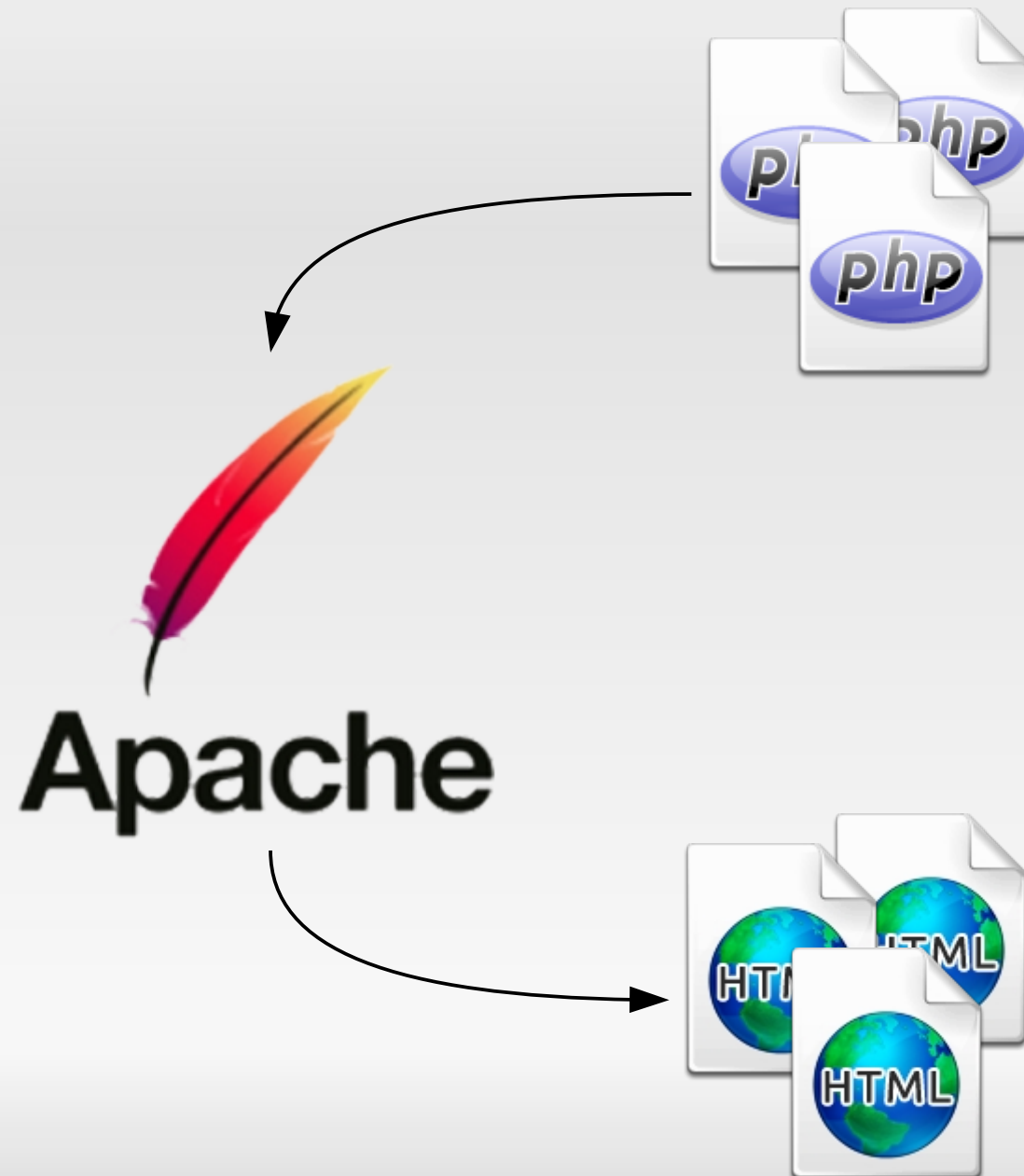
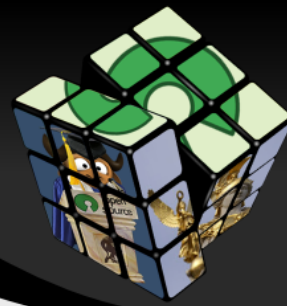


How



Apache

How



Hello



```
<?php  
    echo "Hello DI";  
?>
```

Hello



```
<?php  
    echo "Hello DI";  
?>
```

```
<?php  
    phpinfo();  
?>
```

Types



Primitives

boolean

int

float

string

Types



Primitives

boolean

int

float

string

Complex

array

object

Types



Primitives

boolean

int

float

string

Complex

array

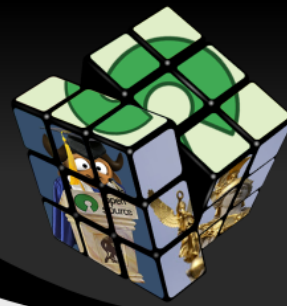
object

Special

resource

null

Variables



Not bound to types

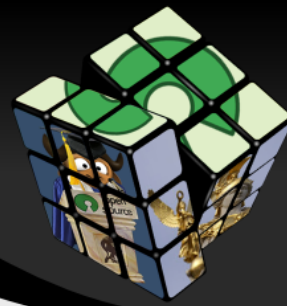
Variables



Not bound to types

Initialized to empty string

Variables



Not bound to types

Initialized to empty string

Can refer to other vars

Variables



```
<?php
    $foo = "A string";
    $foo = 1;
    echo $bar;
    $bar = &$foo;
    $bar = TRUE;
    echo $foo;
?>
```

Strings



```
<?php
    $foo = 'single quotes';
    $foo = "double quotes";
    $bar = 'one ' . 'two ';
    $bar .= 'three';
    echo "OK: \t tab";
    echo 'not OK: \t tab';
?>
```

Strings – Variable Parsing



Only inside double quotes

```
<?php
    $great = 'awesome';
    echo "This is $great";
    echo "Age {$person->age}";
    echo "Time " . time();
?>
```

Arrays



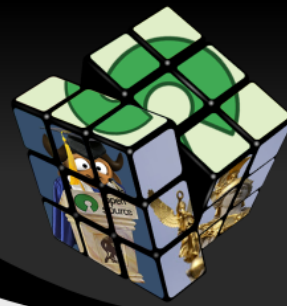
```
<?php
    $simple = array(1, 13, 7);
    $associative = array(
        "foo" => 2,
        "bar" => 39,
        9 => 42);
    $associative['lala'] = 0;
    echo $simple[2];
    echo $associative['bar'];
?>
```

Types



Type Juggling

Type Juggling



Type Juggling



Determine var type from context

Automatic type conversions

Type casts

Type Juggling



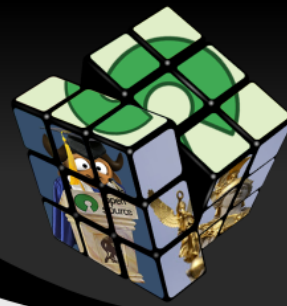
```
<?php
    // string (ASCII 48)
    $foo = "0";
    // integer (2)
    $foo += 2;
    // float (3.3)
    $foo = $foo + 1.3;
    // integer (15)
    $foo = 5 + "10 Words";
?>
```

Type Juggling



```
<?php
    $foo = 10;
    $bar = (boolean) $foo;
?>
```

Boolean Conversions



The following are considered **FALSE**

boolean FALSE

empty string

integer 0

string "0"

float 0.0

zero element array

special type NULL

Equal **OR** Identical ?



equal operator ==

OR

identical operator ===

Functions



```
<?php
    function printAge($person)
    {
        echo $person->age;
    }

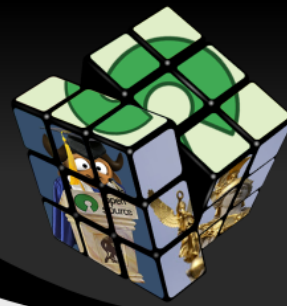
    printAge($person);
?>
```

Combine source files



```
include ('filepath');
```

Combine source files



include

require

include_once

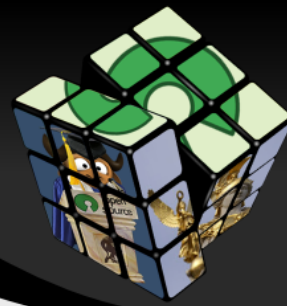
require_once

foreach



```
<?php
    $fruits = array(
        "banana" => "yellow",
        "apple" => "red",
        "coconut" => "brown");
    foreach($fruits as $f => $c)
        echo "Fruit $f : $c";
?>
```


Questions

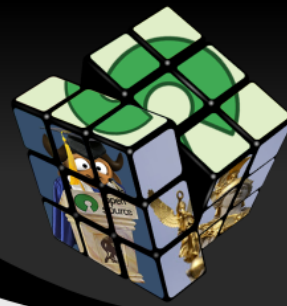


References



<http://www.php.net/manual/>

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