



Development

Summary

1. Page
2. Methods
3. Hello world
4. Translation
5. Layout
 - a. Object
 - b. Table
6. Template
7. Links

Page

To create a new page you need:

1. Create a file in the folder “pages”
2. Develop a class which extends the object Page

Note: 1 Page = 1 Class

```
<?php
class MyPage extends Page {
    public function Load() {
        parent::$PAGE_TITLE = __(WITH_WEBSITE_PHP);
        $this->render = new Label(__('HELLWORLD'));
    }
}
?>
```

Methods

When you call an URL some methods are automatically called:

1. `InitializeComponent`: method to be implement in your page where you define the objects of the page (`TextBox`, `ComboBox`, ...) (optional);
2. `Load`: method to be implement in your page where you can initialize the context of the page (optional);
3. `loadAllVariables`: internal method to associate the variables to the objects of the page;
4. `executeCallback`: internal method to call the callback method of a event if exists; the callback method need to be implement in your page;
5. `Loaded`: method to be implemented in your page which is called in the end (optional).

Helloworld

Create a file pages/helloworld.php :

```
<?php
// This page can be accessed by the URL http://127.0.0.1/your_website/helloworld.html
class Helloworld extends Page {
    public function InitializeComponent() {
        // Create a Label which will be the render of the page
        $this->render = new Label('Helloworld');
    }

    public function Load() {
        // Init the title of the page
        parent::$PAGE_TITLE = 'Helloworld';
    }
}
?>
```

Translation

WebSite-PHP include a translation mechanism. To use it you need to define the translations in the folder « lang ».

Example of translation file definition:

```
<?php
```

```
define('LBL_HELLOWORLD', 'Helloworld');  
define('LBL_VARIABLE', 'Text with %s');
```

```
?>
```

The translation file needs to have the same name as the page file. For example, you have a page `page/helloworld.php`, then you need to define the translation file in `lang/en/helloworld.inc.php` for English and in `lang/fr/helloworld.inc.php` for French.

Translation

To use the translation you need to call the method `__()`.

Example:

```
<?php
```

```
class HelloWorld extends Page {  
    public function InitializeComponent() {  
        $this->render = new Label(__ (LBL_VARIABLE, 'My variable'));  
    }  
  
    public function Load() {  
        parent::$PAGE_TITLE = __ (LBL_HELLOWORLD);  
    }  
}  
?>
```

Layout

To define the layout of a page there is 2 solutions:

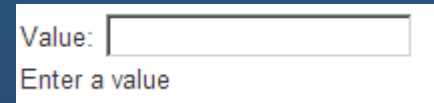
1. Object: where you can concatenate WebSite-PHP objects or strings
The render in HTML is a div or a span tag where you can define style
2. Table: where you can create rows and columns
The render in HTML is a table with tr and td tags

Object

Example of WebSite-PHP Object:

```
<?php
```

```
class Helloworld extends Page {  
    public function InitializeComponent() {  
        $obj = new Object(new Label('Value: '), new TextBox($this));  
        $this->render = new Object($obj, '<br/>', 'Enter a value');  
    }  
}  
?>
```



Value:
Enter a value

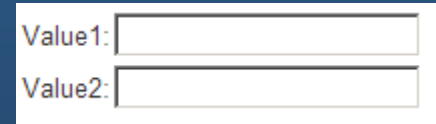
You can find more examples in the tutorial page: <http://www.website-php.com/en/tutorials/object-tutorial.html>

Table

Example of WebSite-PHP Object:

```
<?php
```

```
class Helloworld extends Page {  
    public function InitializeComponent() {  
        $table = new Table();  
        $table->addRowColumns("Value1: ", new TextBox($this));  
        $table->addRowColumns("Value2: ", new TextBox($this));  
        $this->render = $table;  
    }  
}  
?>
```



Value1:

Value2:

You can find more examples in the tutorial page: <http://www.website-php.com/en/tutorials/table-tutorial.html>

Template

A good practice is to create template to define the structure/template of the pages.

To do, you can create DefinedZone objects in the folder `defined_zone`. The specificity of this folder is that all the classes inside are automatically included by the system and available to use (not necessary to use the PHP function `include`).

Example of DefinedZone:

- Header / Footer
- Body / Left menu
- Search
- Template (or Template1, Template2, ...)

Template

Code example of DefinedZone:

```
<?php
class Template extends DefinedZone {
    function __construct($content='') {
        // Create a table layout
        $this->render = new Table();
        $this->render->addRow(new Header()); // add Header
        $this->render->addRow($content); // set content
        $this->render->addRow(new Footer()); // add Footer
    }
}
?>
```

In your page, you can set the render by calling the Template object:

```
$this->render = new Template($my_page_content);
```

Links

1. Official website: <http://www.website-php.com>
2. Quick start: <http://www.website-php.com/en/quick-start.html>
3. Tutorials: <http://www.website-php.com/en/tutorials.html>