

THE JOY OF WEB WEAVING

Web Page Creation/Design Guide for Jack.asprise.net

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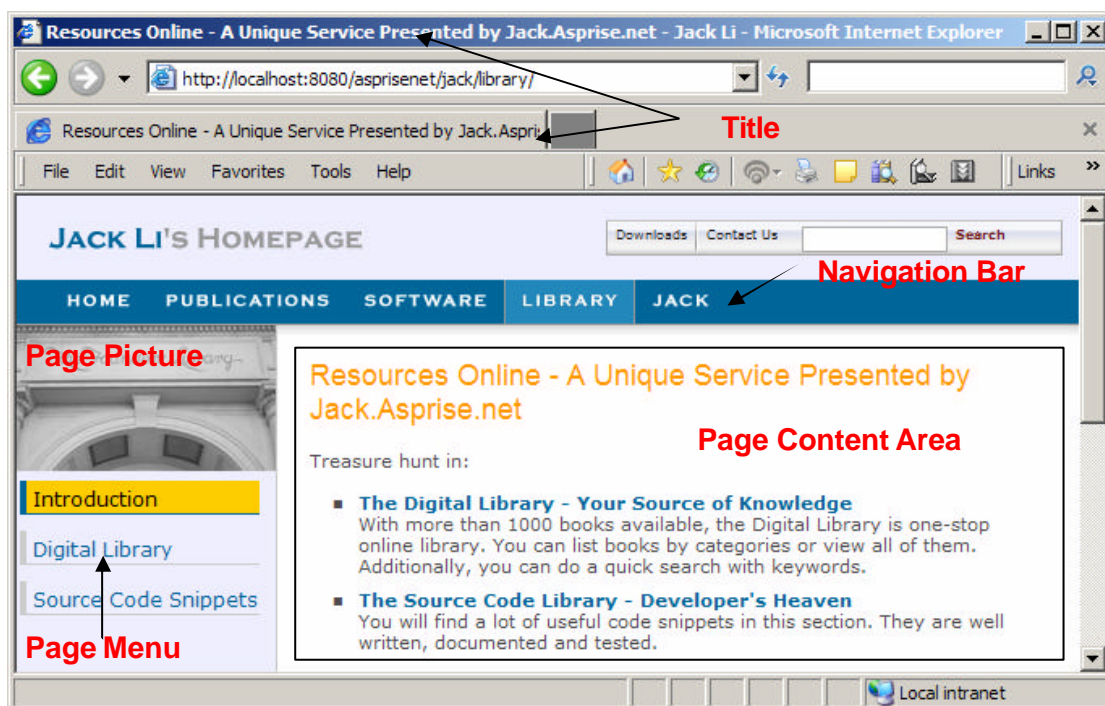
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1 Creating First Pages

1.1 Introduction

Below illustrates a typical web page:



There are typical five main components:

- Page title
- Navigation bar
- Page picture
- Page menu
- Page content area

All the five areas can be easily customized. The typical code behind a page looks like this:

```
1. <?php
2. include_once("../system/global.php");
```

```
3.
4. $CATEGORY = "library";
5. $MENU = $MENUS[$CATEGORY];
6. $TITLE = "Resources Online - A Unique Service Presented by
   Jack.Asprise.net";
7.
8. $NO_BOTTOM_BAR = true;
9.
10. include_once($FILE_INC_HEADER);
11. ?>
12. <!-- page content starts -->
13. Hello, world.
14. <!-- page content ends -->
15. <?
16. include_once($FILE_INC_FOOTER);
17. ?>
```

Every page must include 'global.php' in order to function properly. The `$CATEGORY` specify which category the page belongs to and the corresponding category will be highlighted in the navigation bar.

The `$MENU` variable gives the menu tree to be rendered in the menu area. In the URL of the page matches any menu item in the menu, the menu item will be highlighted. Additionally, you can use `$PAGE_URL` to impersonate the URL. For example, for URL `/abc.php?id=123`, you might want to impersonate it: `$PAGE_URL = "/abc.php"`.

You specify the title of page in `$TITLE`. Two other tags – metadata keywords and metadata description in `<HEAD>` can be configured with `$KEYWORDS` and `$DESCRIPTION`, respectively.

The control bar appears at the bottom of web pages is called *bottom bar*. There are four controls on the bottom bar:

- Print
- Email to Friends
- Add to Favorites
- Go Top of the Page

as illustrated below:



By default, the first three controls will be shown unless you set `$NO_BOTTOM_BAR = true`. The fourth one will be shown only if you set `$TALL_PAGE = true`.

By default, the page picture is set to the default picture for the category. You can use `$PIC = "new_pic.jpg"` to overwrite the default one.

1.2 Utilities

1.2.1 Redirection

Sample: index.php

```
1. <?php
2. include_once("system/global.php");
3.
4. redirectTo("publications/index.php");
5. ?>
```

All code following `redirectTo` function will not be executed.

2 Advanced Features

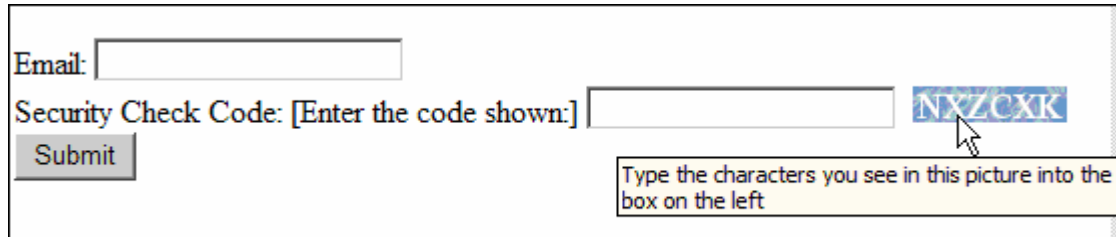
2.1 Security Images for Forms

Security images can be used to prevent fake sign-ups, spamming through contact forms, etc. Ideally, all forms should be protected using security images.

To include a security image in a form:

- First, include 'global.php';
- In the HTML form, call `<? FSRequired(" "); ?>`; You can optionally pass the class type for the text field to be generated.
- After detecting submission, use `FSCheck3()` to validate the input.

Example:



The screenshot shows a web form with the following elements:

- An "Email:" label followed by a text input field.
- A "Security Check Code: [Enter the code shown:]" label followed by a text input field.
- A "Submit" button.
- A security image showing the characters "NYZCXK" in a blue box.
- A yellow tooltip box with the text: "Type the characters you see in this picture into the box on the left".

Corresponding code:

```
1. <?php
2.     include_once('./global.php');
3.     $submitted = $_POST['Submit'];
4.
5.     $error = null;
6.     if($submitted) { // process the form.
7.         if(strpos($_POST['email'], '@') === false) {
8.             $error .= "<li>Invalid email address";
9.         }
10.
11.     /**
12.      * Security image checking goes here.
```

```
13.     */
14.     // In case of form filling error, you can either check
15.     // the code or not.
16.     if(FSCheck3()) {
17.         // passed.
18.     }else{
19.         // failed.
20.         $error .= "<li>Image verification failed.";
21.     }
22. }
23.
24. if((!$submitted) || $error ){ // output the form.
25.     echo "<ul>$error</ul>";
26. ?>
27. <form name="form1" method="post" action="">
28.     Email:
29.     <input name="email" type="text" id="info">
30.
31.     <br>Security Check Code: [Enter the code shown:]
32.     <!-- prints out the image and text field -->
33.     <? FSRequired(""); ?>
34.
35.     <input type="submit" name="Submit" value="Submit">
36. </form>
37.
38. <? }else{ // submitted AND no error. ?>
39.         All inputs are fine. Please do not refresh.
40. <? } ?>
```