PHP WebBuilder

Technical description

version   aug 2020

Table of content

1 Installation

Steps to install
1) Unzip the file
2) if required you can rename folder 'rootdir' to something you like better.
   Do not alter any other folders.
   Be sure to also update index.php to reflect the changes in the rootdir name. See below.
3) Edit the file rootdir/_defaults.txt and update with correct values for your website, see the chapter on special files
4) use FileZilla to transfer the folder structure to your webserver

Changing the rootdir in index.php
change line that reads :
define('ROOTDIR','rootdir');
so it holds the name of your rootfolder
for example:
define('ROOTDIR','mysitefolder');

After these steps you have the website running with some example content.
Continue reading to see how you can change it into your own website.

2 Basic principles

For every page on your website you create a file with Notepad
and put the content in there by typing the text, adding references to images and links etcetera.

The name of the file shows up as a menu entry in the top navigation bar.
Using special prefixes gives you control to make menus and sub-menus

The top navigation bar also contains a search option.

The bottom navigation bar has some fixed items

2.1 Howto create an item in the menu bar

all files have extention **.txt**
level 1 entries start with **1_** so for menu entry Local Bridges the filename is
1_Local Bridges.txt
level 2 entries start with **2_** , then repeat the level 1 name and then add
_level2 item name

example 2_Local_Bridges_BotlekBrug.txt and 2_Local Bridges_HartelBrug.txt

Whenever you create a level 2 menu the level 1 menu itself is no longer selectable.
You have the option to leave the level 1 page file empty or put some generic data in it.

The level 2 menu page is created just like a level 1 menu page.

2.2 Layout of a page

The basic layout of a page is

A heading (a short description of the page contents)

Then follows content that can be divided in 2 columns per row, and have multiple rows

Use a dot (decimal point) to start a column
All text that follows the dot is a paragraph heading
Then follow one or more lines of text for that paragraph

Start a new paragraph with a dot followed by paragraph heading and text as descibed above

Since there are 2 columns per row every third column will end the row and will be the first column on the next row

Example: file is 1_News.txt
```
My Newspaper Online

.My favourate Spanish News paper


<!--URL>newspaper online</URL-->
```

Note : for the first page (home page) you may want to skip using column and just put 1 photo there. In that case do not use a dot to start a column.

2.3 The bottom navigation bar

The bottom navigation bar contains 2 items that contain user data
Disclaimer and Contact

All disclaimer text is stored in the file _disclaimer.txt
The contact information is stored in _contact.txt

You can follow the guidelines for creating a page when editing these files.

3 Macros adding content to your page

The general layout of a tag is as follows:

<!--**TAG**> *tag content*</**TAG**-->

Below all tags are listed with examples.

3.1 URL

purpose	Display a link to an external webpage
syntax	
example	`<!--URL>newspaper online</URL-->`

3.2 IMG

purpose	Display an image
syntax	Image reference,width, height, [caption] Image reference is a name you are comfortable with. This name imust also be present in the file _images.txt where the actual name of the image file is entered. For reponsive (auto scaling) pictures leave width and height empty If you want a caption below your image set caption to yes.
examples	`<!--IMG>oude_maas,,,</IMG-->` `<!--IMG>spijkenissebrug_1,,,yes</IMG-->`

3.3 IMGPAGE

purpose	Display an image and make it clickable When clicked load the page as described in the tag contents
syntax	Image reference,width, height, [caption],page reference
example	

3.4 IMGLINK

purpose	Display an image and when clixcked load an external webpage
syntax	Image reference,width, height, [caption],link reference
example	

3.5 LINKPAGE

purpose	Create a link to a page
syntax	Name of the page without .txt, display text
example	<!--LINKPAGE>2_Local Bridges_SpijkenisseBrug,Spijkenisse brug</LINKPAGE-->

3.6 BM

purpose	Bookmark the tagcontents use the '=' (equal sign) as the first character on the line to add the bookmark list to the page
syntax	
example	<!--BM>1880-1900: Voortraject</BM-->

3.7 INLINE

purpose	Execute an inline function
syntax	
example	`<!--INLINE>show_downloads_folder</INLINE-->`

3.8 PASS

purpose	Set tag content to TRUE to disable Webbuilder parding , then include your own code. Use the TAG agin with contents FALSE to switch Webbuilder parsin on again
syntax	

example	```<!--PASS>TRUE</PASS-->```
	 ```<video controls autoplay>```
	 ```<source src="rootdir/images/SpijkenisseBrug_Sluit_1.mp4" type="video/mp4">```
	 ```Your browser does not support the video tag.```
	 ```</video>```
	
	 ```<!--PASS>FALSE</PASS-->```

3.9 SPECS

purpose	List specifications of a product. The details are stored in a spreadsheet file.
syntax	
example	

4 Special files

4.1 _defaults.txt

item	value	remark
App_Name	WebBuilder	name of the website
App_Tagline	easy, responsive websites	Tagline of the website
App_Icon	favicon.png	
App_Logo	example_logo_header.png	Show left in top navigation bar
App_Copyright	(c) 2011-2020 PHP Webbuilder	
App_Contact	Contact via email : john.doe@company.com	
App_Disclaimer		
App_Description	PHP WebBuilder	
App_Keywords	PHP	The website's keyword(s) for page header
App_Home	Home	Do not change
App_Bootstrap_local	True or False	Determines if bootstrap JS and Jquery are loaded from local folder or from CDN
App_BGColorNavbarTop	#e3f2fd or Choclate or rgb(255, 0, 0)	Use the color picker at https://www.w3schools.com/colors/colors_picker.asp and select 'Color Names',

item	value	remark
		'Color Values', 'Color RGB'
App_BGColorNavbar Bottom	#e3f2fd	See above

4.2 _links.txt

This file contains all URLs used by your website

4.3 _images.txt

4.4 _contact.txt

4.5 _disclaimer.txt

4.6 _menu_order.txt

By default the menu items in the top navigation bar are sorted in alphabetic order.
To have control over the order of the menu items enter them line by line in this file.
Any menu items not present will not show up in the vavigation bar.

4.7 _downloads.txt

In case you want to add a download page to your website enter all references to the downloadable files in this file.