

Sections

A simple PHP web framework/utility which allows websites to be separated into different sections that are reached via a properly formatted url that will search for the correct PHP files.

Example: *example.com/first/second/third* can be interpreted in many ways

/first.php (with parameters "second" and "third")

/first/second.php (with parameter "third")

/first/second/third.php (with no parameters)

Essentially the Sections system will look for everything from the first backslash to the end of the last path variable, disregarding hash (#) values or get parameters (?var=value).

Files

The Sections system consists of two files.

sections.php

Contains the Sections and SectionsException classes.

config.ini

Config file.

Functions

The main idea behind sections is to be a utility which is added to the page by including the *sections.php* file and then using the Sections class to get the required information from static functions.

init ()

Initializes the system.

parameter (\$index)

Fetches a specific parameter.

Example: third

parameters ()

Fetches an array of the available parameters.

Example: second, third

path (\$fullpath = false)

Fetches the path that Sections is using to determine the section to use. If the fullpath parameter is true then it will return the full include path based on the SectionsPath variable in the config file (see below).

Example: /first/second.php

load (\$path = null, \$return = false)

Shows the content of the specified section, fetching the section parsed from the URL if no path is passed. If return is true it will return the contents rather than printing it out.

Note: the passed path variable isn't trimmed.

url (\$trim = true)

Fetches the full URL used to determine the path. If the trim parameter is true it will return the URL after trimming.

Example: /first/second/third

The functions are all static and when called will use an instance of the Section class (which is singleton). This is done so that any of the static functions can be called at any time and the whichever is called first will initialize the system.

Config

The config file contains all the data which will be used to customize the system.

DefaultSections = Array

The default sections to show if no section is specified in the URL or if encountering a 404 and no error section has been specified (see below).

ErrorSection = String

The section to use when a 404 error occurs and the specified section cannot be found. If this is left empty then it'll never show an error page but simply show the default sections.

FileExt = String

The file extension used when including sections files.

default = php

TrimBack = String

What to remove from the back of the URL before applying the path-finding logic.

TrimFront = String

What to remove from the front of the URL before applying the path-finding logic. Used to remove the index.php part from the url when rewriting is disabled.

SectionsPath = String

Path to the folder which holds the sections.
default = ./sections/

Expansion

The system can be expanded in later versions:

Allow the parameters to be parsed as `/key1/value1/key2/value2`

Set to allow the front page to receive parameters rather than use default sections or an error page.

Find some appropriate open-source license and release the code publicly over Google Code or GitHub

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