Pizzaservice

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- **$_database** = null

Detailed Description

This is a template for classes, which represent div-blocks within a web page. Instances of these classes are used as members of top level classes. The order of methods might correspond to the order of thinking during implementation.

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Constructor & Destructor Documentation

__construct ($ *database*)

Gets the reference to the DB from the calling page template. Stores the connection in member $_database.

Parameters:
$database $database is the reference to the DB to be used

Returns:
none

Member Function Documentation

generateView ($ *id* = " ")

Generates an HTML block embraced by a div-tag with the submitted id. If the block contains other blocks, delegate the generation of their parts of the view to them.

Parameters:
$id $id is the unique (!!) id to be used as id in the div-tag

Returns:

getViewData () `[protected]`

Fetch all data that is necessary for later output. Data is stored in an easily accessible way e.g. as associative array.

Returns:

processReceivedData ()

Processes the data that comes via GET or POST i.e. CGI. If this block is supposed to do something with submitted data do it here. If the block contains other blocks, delegate processing of the respective subsets of data to them.

Returns:

Field Documentation
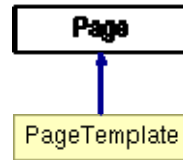
$_database = null `[protected]`

Reference to the MySQLi-Database that is accessed by all operations of the class.

The documentation for this class was generated from the following file:

- BlockTemplate.php

Page Class Reference

Inheritance diagram for Page:

Protected Member Functions

- **__construct** ()
- **__destruct** ()
- **generatePageHeader** ($headline="")
- **generatePageFooter** ()
- **processReceivedData** ()

Protected Attributes

- **$_database** = null

Detailed Description

This abstract class is a common base class for all XHTML-pages to be created. It manages access to the database and provides operations for outputting header and footer of a page. Specific pages have to inherit from that class. Each inherited class can use these operations for accessing the db and for creating the generic parts of a XHTML-page.

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Constructor & Destructor Documentation

__construct () [protected]

Connects to DB and stores the connection in member $_database. Needs name of DB, user, password.

Returns:

Reimplemented in **PageTemplate** (*p.7*).

__destruct () [protected]

Closes the DB connection and cleans up

Returns:

Reimplemented in **PageTemplate** (*p.7*).

Member Function Documentation

generatePageFooter () `[protected]`

Outputs the end of the XHTML-file i.e. /body etc.

Returns:
none

generatePageHeader ($ *headline* = `""`) `[protected]`

Generates the header section of the page. i.e. starting from the content type up to the body-tag. Takes care that all strings passed from outside are converted to safe HTML by htmlspecialchars.

Parameters:
$headline $headline is the text to be used as title of the page

Returns:
none

processReceivedData () `[protected]`

Processes the data that comes via GET or POST i.e. CGI. If every page is supposed to do something with submitted data do it here. E.g. checking the settings of PHP that influence passing the parameters (e.g. magic_quotes).

Returns:
none
Reimplemented in **PageTemplate** (*p.8*).

Field Documentation
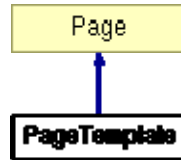
$_database = null `[protected]`

Reference to the MySQLi-Database that is accessed by all operations of the class.

The documentation for this class was generated from the following file:

- Page.php

PageTemplate Class Reference

Inheritance diagram for PageTemplate:

Static Public Member Functions

- static **main** ()

Protected Member Functions

- **__construct** ()
- **__destruct** ()
- **getViewData** ()
- **generateView** ()
- **processReceivedData** ()

Detailed Description

This is a template for top level classes, which represent a complete web page and which are called directly by the user. Usually there will only be a single instance of such a class. The name of the template is supposed to be replaced by the name of the specific XHTML page e.g. baker. The order of methods might correspond to the order of thinking during implementation.

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Constructor & Destructor Documentation

__construct () `[protected]`

Instantiates members (to be defined above). Calls the constructor of the parent i.e. page class. So the database connection is established.

Returns:
    none
Reimplemented from **Page** (*p.5*).

__destruct () `[protected]`

Cleans up what ever is needed. Calls the destructor of the parent i.e. page class. So the database connection is closed.

Returns:
    none
Reimplemented from **Page** (*p.5*).

Member Function Documentation

generateView () `[protected]`

First the necessary data is fetched and then the XHTML is assembled for output. i.e. the header is generated, the content of the page ("view") is inserted and -if avaialable- the content of all views contained is generated. Finally the footer is added.

Returns:
   none

getViewData () `[protected]`

Fetch all data that is necessary for later output. Data is stored in an easily accessible way e.g. as associative array.

Returns:
   none

static main () `[static]`

This main-function has the only purpose to create an instance of the class and to get all the things going. I.e. the operations of the class are called to produce the output of the XHTML-file. The name "main" is no keyword for php. It is just used to indicate that function as the central starting point. To make it simpler this is a static function. That is you can simply call it without first creating an instance of the class.

Returns:
   none

processReceivedData () `[protected]`

Processes the data that comes via GET or POST i.e. CGI. If this page is supposed to do something with submitted data do it here. If the page contains blocks, delegate processing of the respective subsets of data to them.

Returns:
   none
Reimplemented from **Page** (*p.6*).

The documentation for this class was generated from the following file:

- PageTemplate.php

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