# **Caramel CMS Documentation**



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# Package admin Procedural Elements

### ajaxCommand.php

• Package admin

BASEDIR = substr(\$\_SERVER["SCRIPT\_FILENAME"],0,strrpos(\$\_SERVER["SCRIPT\_FILENAME"],"/admin/")) [line 10]

Var BASEDIR Constant which represents the basedir of the server

require\_once BASEDIR.'/inc/controller/BackendController.php' [line 16]

#### TEMPLATEDIR =

"../".substr(dirname(\$\_SERVER["SCRIPT\_NAME"]),0,strrpos(dirname(\$\_SERVER["SCRIPT\_NAME"]),"/admin/"))."t emplate" [line 14]

• Var TEMPLATEDIR Constant which represents the template directory of Caramel CMS installation

# index.php



require\_once BASEDIR.'/inc/controller/BackendController.php' [line 28]

Package admin



# Package default Procedural Elements

### index.php

Package default

BASEDIR = substr(\$\_SERVER["SCRIPT\_FILENAME"],0,strrpos(\$\_SERVER["SCRIPT\_FILENAME"],"/")) [line 21]

Var BASEDIR Constant which represents the basedir of the server

require\_once BASEDIR.'/inc/controller/FrontendController.php' [line 27]

TEMPLATEDIR = dirname(\$\_SERVER["SCRIPT\_NAME"])."/template" [line 25]

Var TEMPLATEDIR Constant which represents the template directory of Caramel CMS installation



# Package inc Procedural Elements

### BackendController.php

- Package inc
- Sub-Package controller

require\_once BASEDIR.'/inc/view/TemplateView.php' [line 15]
require\_once BASEDIR.'/inc/model/ConfigurationModel.php' [line 14]
require\_once BASEDIR.'/inc/model/DatabaseModel.php' [line 13]
require\_once BASEDIR.'/inc/utility/CaramelException.php' [line 12]

**Imports** 

## FrontendController.php

- Package inc
- Sub-Package controller

require\_once BASEDIR.'/inc/view/TemplateView.php' [line 14]

require\_once BASEDIR.'/inc/model/ConfigurationModel.php' [line 13]

require\_once BASEDIR.'/inc/model/DatabaseModel.php' [line 12]

require\_once BASEDIR.'/inc/utility/CaramelException.php' [line 11]

#### **Imports**

# Package inc Classes

### Class BackendController

[line 29]

#### **BackendController class**

- Package inc
- Sub-Package controller
- Author Felix Rupp < kontakt@felixrupp.com>
- Version \$Id\$
- Copyright Copyright (c) 2011, Felix Rupp, Nicole Reinhardt
- License MIT-License

BackendController::VERSION

= "0.1.5" [line 37]

BackendController::VERSION\_DATE

= "2012-01-14" [line 38]

Constructor void function BackendController::BackendController() [line 44]

Constructor

Access public

Content function BackendController::ajaxAction(\$actionName) [line 286]

Function Parameters:
String \$actionName Name of the ajax action to perform
Method to make ajax requests
<ul> <li>Deprecated</li> <li>Access public</li> </ul>
void function BackendController::backendOutputAction() [line 67]  This method assigns needed content to our template engine and renders the template
• Access public
string function BackendController::getBaseUrl() [line 465]  Print out base url in index.php
• Access protected
void function BackendController::getGlobalConfig() [line 495]

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• Access protected

string function BackendController::getMeta() [line 482]
Print out meta-tags in index.php

string function BackendController::getParametersBefore() [line 386]

Get parameters of GET-query before ampersand

Access protected

Access protected

string function BackendController::getParametersBehind() [line 418]

Get parameters of GET-query behind ampersand

Access protected

TRUE function BackendController::getSession() [line 369]
Check if session is active or not

Access protected

string function BackendController::headTagAction() [line 329]

Print out head-tag in index.php

#### This action logs the user off

Access public

void function BackendController::sessionAction() [line 300]

Method to initialize login session

Access public

string function BackendController::versionInformationAction() [line 314]

Print out version-information in index.php

Access public

### Class FrontendController

[line 28]

#### FrontendController class

- Package inc
- Sub-Package controllerAuthor Felix Rupp < kontakt@felixrupp.com>
- Version \$Id\$
- Copyright Copyright (c) 2011, Felix Rupp, Nicole Reinhardt
- License MIT-License

FrontendController::VERSION
= "0.1.5" [line 36]
FrontendController::VERSION_DATE
= "2012-01-14" [line 37]
Constructor <i>void</i> function FrontendController::FrontendController() [line 43]  Constructor
• Access public
void function FrontendController::frontendOutputAction() [line 65]  This method assigns needed content to our template engine and renders the template.
• Access public
string function FrontendController::getBaseUrl() [line 522]  Print out base url in index.php
• Access protected
string function FrontendController::getDisplay() [line 425]  Get display from GET-query
Access protected

# string function FrontendController::getFooter() [line 377] Print out footer in footer of index.php

• Access protected

string function FrontendController::getJsAndCss() [line 542]
Return minified JS and CSS files

- - Deprecated
  - Access protected

string function FrontendController::getLanguage() [line 406]

**Extract language from GET-query** 

Access protected

string function FrontendController::getLanguageSelector() [line 332]

Print out language selector in index.php

• Access protected

Array function FrontendController::getNavigationLinks(\$navigationArray) [line 197] Function Parameters:

array \$navigationArray Array with detailed navigation information	
This method build our navigation links from given information restricted to one sublevel	Note: Navigation is
Access protected	
string function FrontendController::getParametersBefore() [line 443]  Get parameters of GET-query before ampersand	
Access protected	
string function FrontendController::getParametersBehind() [line 474]  Get parameters of GET-query behind ampersand	
Access protected	
string function FrontendController::getSocialbar() [line 557]  Print out facebook like button in index.php	
Access protected	
string function FrontendController::headTagAction() [line 160]  Print out head-tag in index.php	

• Access public

void function FrontendController::languageRedirectAction() [line 92]
Redirects the user to the language set in browser

• Access public

string function FrontendController::versionInformationAction() [line 134]
Print out version-information in index.php

• Access public

Class ConfigurationModel

ConfigurationModel class

• Access public

string function FrontendController::languageCodeAction() [line 148]

Print out current language code in index.php

- Package inc
- Sub-Package model
- Author Felix Rupp < kontakt@felixrupp.com>
- Version \$Id\$
- Copyright Copyright (c) 2011, Felix Rupp, Nicole Reinhardt
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Array function ConfigurationModel::getAdminAction() [line 147]

This method returns an ordered array with all admin settings

• Access public

string function ConfigurationModel::getAdminConfigStringAction(\$key) [line 259] Function Parameters:

• string \$key Key to lookup in config-file

Get String from key of admin configfile

• Access public

string function ConfigurationModel::getConfigStringAction(\$key) [line 209] Function Parameters:

• string **\$key** Key to lookup in config-file

Get String from key of config-file

•	Throws	CaramelException
	_	

<ul><li>Access</li></ul>	public
--------------------------	--------

ConfigurationModel function ConfigurationModel::getConfigurationModel() [line	63]
Singleton-create-method	

- Static
- Access public

Array function ConfigurationModel::getGlobalsAction() [line 89]

This method returns an ordered array with all global settings

• Access public

void function ConfigurationModel::reloadAdminConfigFile() [line 328]

This method updates the contents of the local adminConfigFile in our singleton.

- Throws CaramelException
- Access protected

void function ConfigurationModel::reloadConfigFile() [line 309]

This method updates the contents of the local configFile in our singleton.

- Throws CaramelException
- Access protected

void function ConfigurationModel::setAdminAction(\$admin, \$globals) [line 170]
Function Parameters:

- array \$globals Array that contains all admin settings
   throws CaramelException
- \$admin

#### Method to save admin config

• Access public

void function ConfigurationModel::setAdminConfigString(\$key, \$newValue) [line 283]
Function Parameters:

- *string* **\$key** Key of the setting to change
- string \$newValue New value for the setting

#### Set String from key of admin config-file

- Throws CaramelException
- Access protected

void function ConfigurationModel::setConfigString(\$key, \$newValue) [line 233]
Function Parameters:

- string \$key Key of the setting to change
- string \$newValue New value for the setting

#### Set String from key of config-file

- Throws CaramelException
- Access protected

*void* function ConfigurationModel::setGlobalsAction(\$globals) [line 119] *Function Parameters:* 

 array \$globals Array that contains all global settings throws CaramelException

#### Method to save global config

• Access public

### Class DatabaseModel

[line 20]

#### **DatabaseModel class**

- Package inc
- Sub-Package model
- Author Felix Rupp < kontakt@felixrupp.com>

- Version \$Id\$
- Copyright Copyright (c) 2011, Felix Rupp, Nicole Reinhardt
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Array function DatabaseModel::getAllLanguagesAction() [line 86]

Method to get all used languages out of database

- Throws CaramelException
- Access public

string function DatabaseModel::getAllMetaTagsAction(\$lang, \$pageName) [line 118] Function Parameters:

- string \$lang Current language used
- string \$pageName Name of the current page

Method to return all meta information for the given page/language

- Throws CaramelException
- Access public

Array function DatabaseModel::getAllPageNamesAction() [line 155]

Method to return only all page paths

• Access public

DatabaseModel function DatabaseModel::getDatabaseModel() [line 60]

Singleton-create-method

<ul> <li>Static</li> <li>Access public</li> </ul>
string function DatabaseModel::getWebsiteContentAction(\$lang, \$pageName) [line 214]  Function Parameters:
<ul> <li>string \$lang Current language used</li> <li>string \$pageName Name of the current page</li> </ul>
Method to return the content of a page
<ul> <li>Throws CaramelException</li> <li>Access public</li> </ul>
Array function DatabaseModel::getWebsiteNavigationAction(\$lang) [line 239]  Function Parameters:
string \$lang Current language
Method to return array with localized navigation Note: Navigation is restricted to one sublevel
Access public

string \$lang Current language used

string function DatabaseModel::getWebsiteTitleAction(\$lang, \$pageName) [line 188]
Function Parameters:

• string \$pageName Name of the current page

#### Method to return the needed website title

- Throws CaramelException
- Access public

### Class CaramelException

[line 20]

#### CaramelException class

- Package inc
- Sub-Package utility
- Author Felix Rupp < kontakt@felixrupp.com>
- Version \$Id\$
- Copyright Copyright (c) 2011, Felix Rupp, Nicole Reinhardt
- License MIT-License

Constructor *void* function CaramelException::\_\_construct(\$caramelCode) [line 38] Function Parameters:

• int \$caramelCode Errorcode

#### **Constructor for CaramelException**

void function CaramelException::getDetails() [line 48]

• Access public

# Class TemplateView [line 20]

#### **TemplateView class**

- Package inc
- Sub-Package view
- Author Felix Rupp < kontakt@felixrupp.com>
- Version \$Id\$
- Copyright Copyright (c) 2011, Felix Rupp, Nicole Reinhardt
- License MIT-License

Constructor *void* function TemplateView::TemplateView(\$activeTemplate) [line 45] Function Parameters:

• String **\$activeTemplate** Path to active template directory

#### Constructor of TemplateView

#### Method to add correct JS and CSS files from template

• Access public

void function TemplateView::assign(\$key, \$value) [line 64]
Function Parameters:

- String **\$key** Array-key
- String **\$value** Array-value for key

#### Method to assign all template values to our template

• Access public

void function TemplateView::render() [line 107]
Function which renders the template

• Access public

Content function TemplateView::returnTemplate() [line 128]

Method to return template content as string

void function	TemplateView::setTemplateFile(\$templateFile)	[line	94]
Function	Parameters:		

• String \$templateFile

### Method to set different template filename



# Package template Procedural Elements

### index.tpl-alt.php

- Package template
- Sub-Package Backend

```
include "editglobals.tpl.phplline 91]
include "edittemplates.tpl.phplline 88]
include "editusers.tpl.phplline 85]
include "editpages.tpl.phplline 82]
include "newpage.tpl.phplline 79]
```

Index template

## index.tpl.php

- Package template
- Sub-Package Backend

include <u>"editglobals.tpl.ph</u>p[line 93]

include <u>"edittemplates.tpl.ph</u>p[line 90]

include <u>"editusers.tpl.php</u>/line 87]

include "editpages.tpl.php[line 84]

include "newpage.tpl.php[line 81]

**Index template** 

# **Appendices**

# Appendix A - Class Trees

Package admin

Package default

Package inc

### BackendController

BackendController

### CaramelException

- Exception
  - CaramelException

## ConfigurationModel

• ConfigurationModel

### DatabaseModel

DatabaseModel

### FrontendController

FrontendController

# **TemplateView**

• <u>TemplateView</u>

Package template

# Index

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ajaxCommand.php
В
BackendController::getParametersBehind()
Get parameters of GET-query behind ampersand
BackendController::getParametersBefore()
Get parameters of GET-query before ampersand
BackendController::getMeta()
Print out meta-tags in index.php
BackendController::getSession()
Check if session is active or not
BackendController::headTagAction()
Print out head-tag in index.php
BackendController::versionInformationAction() 12
Print out version-information in index.php
BackendController::sessionAction()
Method to initialize login session
BackendController::logoutAction()
This action logs the user off
BackendController::getGlobalConfig()
BackendController::getBaseUrl()
Print out base url in index.php
BackendController
BackendController class
BackendController.php
<u>BASEDIR</u>
BackendController::VERSION
BackendController::VERSION_DATE
BackendController::backendOutputAction()
This method assigns needed content to our template engine and renders the template.
BackendController::ajaxAction()
Method to make ajax requests
<u>BASEDIR</u>
C
ConfigurationModel::setConfigString()
Set String from key of config-file
ConfigurationModel::setAdminConfigString()
Set String from key of admin config-file
ConfigurationModel::setAdminAction()

Method to save admin config	
ConfigurationModel::setGlobalsAction()	
Method to save global config	
CaramelException	
CaramelException class  constructor TemplateView::TemplateView()	
Constructor of TemplateView  Constructor of TemplateView	
CaramelException::getDetails()	
constructor CaramelException:: construct()	
Constructor for CaramelException	
ConfigurationModel::reloadConfigFile()	
This method updates the contents of the local configFile in our singleton.	
ConfigurationModel::reloadAdminConfigFile()	
This method updates the contents of the local adminConfigFile in our singleton.	
ConfigurationModel::getAdminAction()	
This method returns an ordered array with all admin settings	
ConfigurationModel	
ConfigurationModel class	
constructor FrontendController::FrontendController()	
Constructor	
ConfigurationModel::getAdminConfigStringAction()	
Get String from key of admin configfile	
ConfigurationModel::getConfigStringAction()	
Get String from key of config-file	
ConfigurationModel::getGlobalsAction()	
This method returns an ordered array with all global settings  ConfigurationModel::getConfigurationModel()	
Singleton-create-method	
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Constructor	
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DatabaseModel::getWebsiteContentAction()	
Method to return the content of a page	
DatabaseModel::getWebsiteNavigationAction()	
Method to return array with localized navigation	
Note: Navigation is restricted to one sublevel	
DatabaseModel::getWebsiteTitleAction()	
Method to return the needed website title	
DatabaseModel::getDatabaseModel()	
Singleton-create-method	
DatabaseModel::getAllPageNamesAction()	
Method to return only all page paths	
DatabaseModel::getAllLanguagesAction()	
Method to get all used languages out of database	
DatabaseModel::getAllMetaTagsAction()	
Method to return all meta information for the given page/language	
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Get parameters of GET-query behind ampersand
FrontendController::getParametersBefore() 15
Get parameters of GET-query before ampersand
FrontendController::getNavigationLinks()
This method build our navigation links from given information
Note: Navigation is restricted to one sublevel
FrontendController::getSocialbar()
Print out facebook like button in index.php
FrontendController::headTagAction()
Print out head-tag in index.php
FrontendController::versionInformationAction()
Print out version-information in index.php
FrontendController::languageRedirectAction()
Redirects the user to the language set in browser
FrontendController::languageCodeAction()
FrontendController::getLanguageSelector()
Print out language selector in index.php
FrontendController::getLanguage()
Extract language from GET-query
FrontendController::VERSION_DATE
FrontendController::VERSION
FrontendController
FrontendController class
FrontendController::frontendOutputAction()
This method assigns needed content to our template engine and renders the template.
FrontendController::getBaseUrl()
Print out base url in index.php
FrontendController::getJsAndCss()
Return minified JS and CSS files
FrontendController::getFooter()
Print out footer in footer of index.php
FrontendController::getDisplay()
Get display from GET-query
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TemplateView::render()
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