

Joker Application Framework User-Documentation



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Configuration Class

Config Class Documentation

Introduction

This class

What is the purpose and function of this class?

The JAF ("Joker Application Framework") intends to be a full grown CMS including all components that are needed for such a system.

Joker Application Framework

Code-generated Documentation of JAF

Introduction

This will be the User Guide for the Joker Application Framework.

But first ...

requirements :

- any php 5 or above

- mbstring extension for some string manipulation plugins (especially if you intend to use UTF-8)

- gnu gettext extension for Localization

recommended :

- mysqli the new MySQL connector for php

project created :

02/08/2009

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What is the Joker Application Framework?

The JAF ("Joker Application Framework") intends to be a full grown CMS including all components that are needed for such a system.

Package JAF Procedural Elements

JAF.class.php

JAF CoreClass

This file contains the complete abstract class JAF which builds the foundation for the whole Application. This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Author** mitos[at]joker-solutions.org
- **Since** 0.4

- **Package** JAF
- **Author** mitos[at]joker-solutions.org
- **Since** 0.1

Package JAF Classes

Class JAF

[line 33]

JAF Class

This Class is the Core of Joker Application Framework.

- **Package** JAF
- **Author** mitos[at]joker-solutions.org
- **Version** 0.6
- **TODO** create a database layer that allows for reading out of mysql/postgresql/sqlite
- **TODO** create a module class which loads the different JAF-modules (such as pages/blog etc)
- **Abstract Element**
- **Release** pre-beta
- **License** [GNU General Public License](#)

JAF::\$config

mixed = [line 39]

- **Static Variable Used** mixed \$config: Contains JAF::config_C as an instance
- **See** [config_C](#)
- **Static**
- **Access** public

JAF::\$env

mixed = [line 63]

- **Static Variable Used** mixed \$env: Contains JAF::environment_C as an instance
- See [environment_C](#)
- **Static**
- **Access** public

JAF::\$l10n

mixed = [line 57]

- **Static Variable Used** mixed \$l10n: Contains JAF::l10n_C as an instance
- See [l10n_C](#)
- **Static**
- **Access** public

JAF::\$name

string = NULL [line 68]

- **Var** The name of each load AND initialized class
- **Static**
- **Access** protected

JAF::\$template

mixed = [line 45]

- **Static Variable Used** mixed \$template: Contains JAF::template_C as an instance
- See [template_C](#)
- **Static**
- **Access** public

JAF::\$theme

mixed = [line 51]

- **Static Variable Used** mixed \$theme: Contains JAF::theme_C as an instance
- **See** [theme C](#)
- **Static**
- **Access** public

string function JAF::getName() [*line 74*]
returns the name of the class

- **Access** public

void function JAF::setName(\$name) [*line 82*]
Function Parameters:

- *\$name* **\$name** string

Set the name for the JAF instance

- **Access** public

Class JAF_I

[*line 17*]

JAF Main interface

This interface must be implemented into all subclasses of JAF

- **Package** JAF
- **Author** mitos[at]joker-solutions.org
- **Version** 0.3

string function JAF_1::getName() [*line 21*]

JAF configuration-script

- **Package** JAF
- **Sub-Package** Core
- **Author** mitos[at]joker-solutions.org
- **Since** 0.1

string function exeJAF() [*line 140*]

This effectively outputs the generated HTML-Code of JAF

void function generatePaths() [*line 29*]

runs makePath() for all directories

void function generateUrls() [*line 71*]

runs makeUrl() for all directories

void function initJAF() [*line 102*]

This is the initiator for the JAF start. It generates all directory-entries and includes two necessary files

void function jafClasses() [*line 90*]

This loads all necessary class-files

void function makePath(\$path, [\$sub = NULL]) [*line 15*]

Function Parameters:

- *string* **\$path** the path to be constructed
- *string* **\$sub** a subpath (if existent)

creates a path from the script-path and puts it into the global \$jafPaths array

void function makeUrl(\$path, [\$sub = NULL]) [*line 57*]

Function Parameters:

- *string* **\$path** the path to be constructed
- *string* **\$sub** a subpath (if existent)

creates an url from the script-url and puts it into the global \$jafUrls array

void function startJAF() [*line 115*]

This function starts the Joker Application Framework!

functions.php

JAF Functions that don't belong to any subclass of JAF

- **Package** JAF
- **Sub-Package** Core
- **Author** mitos[at]joker-solutions.org
- **Since** 0.1

void function dummyData() [line 43]

This fills in some dummy data for the template etc...

string function extractPath(\$mod) [line 25]

Function Parameters:

- *string* **\$mod** Which module path do we need to extract

This reads a specific path out off JAF::\$config->\$myConfig

string function extractUrl(\$mod) [line 35]

Function Parameters:

- *string* **\$mod** Which module url do we need to extract

This reads a specific url out off JAF::\$config->\$myConfig

void function loadClass(\$file) [line 14]

Function Parameters:

- *string* **\$file** The name of the Class to load

Load a Class out of \$jafPaths['inc::classes'] and include it into the code

index.php

The JAF-Bootloader

This script starts the configuration script at inc/configure.php, includes the script inc/functions.php to start the Joker Application Framework. This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Sub-Package** Core
- **Author** mitos[at]joker-solutions.org
- **Version** 0.61
- **Copyright** Copyright (c) 2008, Joker Solutions
- **Release** pre-beta
- **License** [GNU General Public License](http://www.gnu.org/licenses/gpl.html)

DS = DIRECTORY_SEPARATOR *[line 36]*

- **Var** contains the OS-specific Directory Separator

JAF = md5(__FILE__) *[line 46]*

- **Var** contains an md5 sum for control purposes

US = '/' *[line 41]*

- **Var** Contains the URL-Seperator '/'

`require_once 'inc'.DS.'configure.php'` *[line 48]*

config.class.php

JAF Configuration

This file contains the complete configuration-class of jaf it handles the whole configuration-set including database connections etc This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Sub-Package** [Config]
- **Author** mitos[at]joker-solutions.org
- **Since** 0.1

Class config_C

[line 33]

JAF Configuration Class

This Class deals with all config settings. Reads/writes them and makes them available to the other members of jaf.

- **Package** JAF
- **Sub-Package** [Config]
- **Tutorial** [Configuration Class](#)
- **Author** mitos[at]joker-solutions.org
- **Version** 0.4
- **License** [GNU General Public License](#)

config_C::\$myConfig

array = array() [*line 38*]

- **Var** Contains all jaf-config settings
- **Static**
- **Access** protected

config_C::\$name

string = NULL [*line 43*]

- **Var** Contains the name of the Class
- **Static**
- **Access** protected

Constructor *void* function config_C::__construct() [*line 48*]

Sets the class name and initializes it.

string function config_C::getConf(\$k) [*line 64*]

Function Parameters:

- *string* **\$k** The key to read from the config

Read a config-value

string function config_C::getName() [*line 81*]

returns the name of the class

void function config_C::setConf(\$k, \$v) [*line 73*]

Function Parameters:

- *string* **\$k** The Key in config to change
- *string* **\$v** The Value that is new in the config

Set a config value

void function config_C::setName(\$name) [line 89]

Function Parameters:

- *\$name* **\$name** string

Set the name for the JAF instance

void function config_C::__destruct() [line 55]

Destroys and empties the content of this Class

Class config_I

[line 33]

Config Interface

This interface allows for reading/writing settings into the jaf-config

- **Package** JAF
- **Sub-Package** [Config]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.3

mixed function config_I::getConf(\$key) [line 39]

Function Parameters:

- *string* **\$key** Read which setting?

Read a setting by whatever means the class itself employs

void function config_I::setConf(\$key, \$value) [*line 46*]

Function Parameters:

- *string* **\$key** What setting do we manipulate?
- *mixed* **\$value** What do we write into the setting?

Write a setting by whatever means the class itself employs

info.php

phpinfo routine

This simple script outputs everything related to PHP-settings

- **Package** JAF
- **Sub-Package** [Debug]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.1

environment.class.php

JAF Environment-engine

This file contains the complete environment-class of jaf it handles how JAF reads any variables from the environment (such as \$_GET/\$_POST/Cookies & Sessions This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Sub-Package** [Environment]
- **Author** mitos[at]joker-solutions.org
- **Since** 0.5

Class environment_C

[line 32]

JAF Environment Class

This Class deals with the whole environment of PHP

- **Package** JAF
- **Sub-Package** [Environment]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.1
- **TODO** Create initiator that runs thru the different arrays and filters the environmental variables.
- **License** [GNU General Public License](#)

environment_C::\$myEnvironment

mixed = array() [*line 42*]

- **Static Variable Used** array \$myEnvironment: Contains all environment variables after filtering them.
- **Static**
- **Access** protected

environment_C::\$myGET

mixed = array() [*line 57*]

- **Static Variable Used** array \$myGET: Contains the filtered \$_GET keys and values
- **Static**
- **Access** protected

environment_C::\$myPOST

mixed = array() [*line 62*]

- **Static Variable Used** array \$myPOST: Contains the filtered \$_POST keys and values
- **Static**
- **Access** protected

environment_C::\$name

mixed = NULL [*line 37*]

- **Static Variable Used** string \$name: Contains the name of the Class
- **Static**
- **Access** protected

Constructor *void* function environment_C::__construct() [*line 67*]

Sets the class name and initializes it.

void function environment_C::addAllowed(\$name, \$value) [line 97]

Function Parameters:

- **\$name**
- **\$value**

This adds an allowed key into one of the allowed environmental-variables

string function environment_C::getName() [line 82]

returns the name of the class

void function environment_C::setName(\$name) [line 90]

Function Parameters:

- *\$name* **\$name** string

Set the name for the JAF instance

void function environment_C::__destruct() [line 74]

Destroys and empties the content of this Class

Class environment_I

[line 124]

Environment Interface

This interface allows for language manipulation

- **Package** JAF
- **Sub-Package** [Environment]
- **Author** mitos[at]joker-solutions.org

- **Version** 0.3
- **TODO** create function that allows to read out of JAF::[Environment]

void function environment_1::addAllowed(\$var, \$val) [line 130]

Function Parameters:

- *string* **\$var** Where do we allow it? (\$_GET/Session etc.)
- *string* **\$val** What do we allow?

This adds an allowed variable into a specific variable-set

I10n.class.php

JAF Localization

This file contains the complete I10n-class of jaf it handles how translations are being retrieved This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Sub-Package** [L10n]
- **Author** mitos[at]joker-solutions.org
- **Since** 0.4

Class I10n_C

[line 31]

JAF Localization Class

This Class deals with all translations

- **Package** JAF
- **Sub-Package** [L10n]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.4
- **License** [GNU General Public License](#)

I10n_C::\$myI18n

mixed = array() [line 41]

- **Static Variable Used** array \$myl18n: Contains all translated strings
- **Static**
- **Access** protected

I10n_C::\$name

mixed = NULL [line 36]

- **Static Variable Used** string \$name: Contains the name of the Class
- **Static**
- **Access** protected

Constructor *void* function I10n_C::__construct() *[line 46]*

Sets the class name and initializes it. After that it calls the two functions loadLanguage() & makeTranslations()

void function I10n_C::addString(\$s) *[line 89]*

Function Parameters:

- *string* **\$s** What string shall we add?

Add a translation string into the \$myl18n array

string function I10n_C::getName() *[line 63]*

returns the name of the class

string function I10n_C::getString(\$k) *[line 98]*

Function Parameters:

- *string* **\$k** which array key from \$myl18n shall i get?

Get a specific string out of \$myl18n

void function I10n_C::setName(\$name) [*line 71*]

Function Parameters:

- *\$name* **\$name** string

Set the name for the JAF instance

void function I10n_C::__destruct() [*line 55*]

Destroys and empties the content of this Class

Class I10n_I

[*line 98*]

Localization Interface

This interface allows for language manipulation

- **Package** JAF
- **Sub-Package** [L10n]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.3

void function I10n_I::addString(\$s) [*line 110*]

Function Parameters:

- *string* **\$s** The short string to add

Add a string into the translation table

string function I10n_I::getString(\$key) [*line 104*]

Function Parameters:

- *string* **\$key** Which array-key shall we get?

Get a translated string out of the internal l10n-db

template.class.php

JAF Template-engine

This file contains the complete template-class of jaf it handles how dwoo or smarty pull their content together and display it This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Sub-Package** [Template]
- **Author** mitos[at]joker-solutions.org
- **TODO** Created proper articulated theme/template that uses yaml and smarty/dwoo
- **Since** 0.2

Class template_C

[line 32]

JAF Template Class

This Class deals with Dwoo or Smarty to generate user-readable output

- **Package** JAF
- **Sub-Package** [Template]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.4
- **License** [GNU General Public License](#)

template_C::\$myContent

mixed = NULL [line 47]

- **Static Variable Used** string \$myContent: Contains the complete page-layout
- **Static**
- **Access** protected

template_C::\$myTemplate

mixed = [line 42]

- **Static Variable Used** mixed \$myTemplate: Contains an instance of the actual templating-engine
- **Static**
- **Access** protected

template_C::\$name

mixed = NULL [line 37]

- **Static Variable Used** string \$name: Contains the name of the Class
- **Static**
- **Access** protected

Constructor *void* function template_C::__construct() [line 52]

Sets the class name and initializes it. After that initEnginw() is being called

void function template_C::addVar(\$k, \$v) [line 88]

Function Parameters:

- *string* **\$k** Name of the Smarty-Variable
- *string* **\$v** The value of the smarty-variable

Adds a smarty-variable out of a php value

string function `template_C::getName()` [*line 125*]

returns the name of the class

void function `template_C::loadEngine()` [*line 102*]

This loads the templating engine and initializes an instance into `self::$myTemplate`

string function `template_C::output()` [*line 77*]

Displays the final content (eventually)

void function `template_C::setName($name)` [*line 133*]

Function Parameters:

- `$name $name` string

Set the name for the JAF instance

void function `template_C::__destruct()` [*line 60*]

Destroys and empties the content of this Class

Class `template_I` [*line 58*]

Template Interface

This interface allows for manipulation of the template

- **Package** JAF
- **Sub-Package** [Template]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.3

void function `template_I::loadEngine()` [*line 68*]

Load the right templating engine, according to theme-information

string function template_l::output() [*line 63*]

Pull the template together and output to whatever medium

theme.class.php

JAF Theme-engine

This file contains the complete theme-class of jaf it handles how the template_C class is handling and reading any theme This software is provided 'as-is', without any express or implied warranty.

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- **Package** JAF
- **Sub-Package** [Theme]
- **Author** mitos[at]joker-solutions.org
- **Since** 0.3

Class theme_C

[line 31]

JAF Theme Class

This Class deals with the theme and all files/information in it

- **Package** JAF
- **Sub-Package** [Theme]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.3
- **License** [GNU General Public License](#)

theme_C::\$myTheme

mixed = array() [line 41]

- **Static Variable Used** mixed \$myTheme: Contains all information about the loaded theme
- **Static**
- **Access** protected

theme_C::\$name

mixed = NULL [line 36]

- **Static Variable Used** string \$name: Contains the name of the Class
- **Static**
- **Access** protected

Constructor *void* function theme_C::__construct() [line 47]

Sets the class name and initializes it.

string function theme_C::getDir(\$k) [line 116]

Function Parameters:

- *string* **\$k** The key in the paths-array to read

This returns a specific directory out of the theme information

mixed function theme_C::getInfo(\$k) [line 107]

Function Parameters:

- *string* **\$k** Key to read from theme-config

This read config-values from theme-config

string function theme_C::getName() [line 90]

returns the name of the class

void function theme_C::getTheme() [line 61]

This reads the theme.info.php file out of the active theme and sets the right templating engine in JAF::\$config

void function theme_C::setName(\$name) [line 98]

Function Parameters:

- *\$name* **\$name** string

Set the name for the JAF instance

void function theme_C::__destruct() [line 54]

Destroys and empties the content of this Class

Class theme_I

[line 81]

Theme Interface

This interface allows for reading any theme for JAF

- **Package** JAF
- **Sub-Package** [Theme]
- **Author** mitos[at]joker-solutions.org
- **Version** 0.3

void function theme_I::getTheme() [line 85]

This loads all necessary information about a theme into JAF

Appendices

Appendix A - Class Trees

Package JAF

JAF

- [JAF](#)
 - [config_C](#)
 - [environment_C](#)
 - [l10n_C](#)
 - [template_C](#)
 - [theme_C](#)

JAF_I

- [JAF_I](#)
 - [config_I](#)
 - [environment_I](#)
 - [l10n_I](#)
 - [template_I](#)
 - [theme_I](#)

Appendix B - README/CHANGELOG/INSTALL

README

```
#####  
## Joker Application Framework ##  
#####
```

```
#####  
# Read Me First #  
#####
```

```
=====  
= Please read the documentation in ./docs/ =  
=====
```

We offer two forms of documentation for this software :

- * PDF File : This file contains in (hopefully) descriptive ways, how to use and interact with the Joker Application Framework
- * HTML Files : This form of documentation offers a closer look into the inner workings of JAF as well as descriptive texts.

(To read the html-documentation just point your browser to your JAF-installation [ie: http://www._your-domain_.com/docs/html/])

LICENSE

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Preamble

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```
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```

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```
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```

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```
#####
## Joker Application Framework ##
#####
```


We want you!! #
#####

Should anyone like to participate in translations, please drop us a line	
* lang.jaf[at]joker-solutions.org	
* subject should contain at least: language you would like to help with	
version of JAF you have running	
* describe to us please your language-skills in both(!)	
english and your offered translation-language	

CREDITS

```
#####
## Joker Application Framework ##
#####
```

```
#####
# Credits #
#####
```

```
| Joker Application Framework is a collaborative project released |
| under the GNU General Public License v2. We would like to recognize |
| the following names for their contribution to the product. |
|
| -- Developers -- |
| * Mitos Kalandiel (JAF-Core) |
| * Sebastian Meier zu Biesen (Themes & Layout) |
|
| -- Translators -- |
| * Sebastian Meier zu Biesen [de_DE] |
|
```

Joker Solutions would also like to thank the developers of

```

| the following libraries :
|
| * Smarty (http://www.smarty.net)
| * Dwoo (http://www.dwoo.org)
| * TinyMCE
| * OverLib
| * jQuery / pQuery
| * ThickBox
| * YAML (Yet Another Markup Language)
|
=====

```

INSTALL

```

#####
## Joker Application Framework ##
#####

```

```

#####
# Installation #
#####

```

So far installation only involves really one step

Copy the source of JAF into the webroot of your apache webserver. Point your browser to your-domain.com

Please be aware that following directories always need write-access (chmod 664) by the web-server :

```

./themes/_themename_/templates_c/
./themes/_themename_/cache/
(future release : ./db/)

```

(Please replace "_themename_" with the actual themename, such as "default")
Please note: sometimes you have to change the owner/group of all JAF-files aswell
(chown -R www-user:www-group JAF/)

Any other directory in JAF "only" needs read/exe rights (chmod 554)

RELEASE-NOTES

```

#####
## Joker Application Framework ##
#####

```

```

#####
# Release Notes #
#####

```

Security reminder: JAF has been developed on Apache 2.2.8 / PHP 5.2.4 (with Suhosin Patch 0.9.6.2)
So any PHP 5.x environment should be sufficient to run JAF
Please note : JAF requires PHP_5(!!!!) due to it's OOP-Design (OOP=Object Oriented Programming)

== JAF 0.5 ==

September 18, 2009

The first beta release of JAF.
Still a lot to be done, but basic functionality is now there.
Internationalization (i18n) via gettext() has been enabled and
the first language packages have been created for
english and german (en_GB.utf8 / de_DE.utf8)

== JAF 0.4 ==

September 15, 2009

This is the first release where themes (or at least so far) are included.
Templating Engine choice is now made thru theme-information
Each theme MUST contain at least this file in it's root : theme.info.php

== JAF 0.3 ==

September 13, 2009

This release of JAF contains functions to incorporate the Smarty / Dwoo
Templating Engine. Choice of the engine is made manually so far.

== JAF 0.2 ==

September 10, 2009

In this release the first Core functions for JAF exist, not much more

== JAF 0.1 ==

September 08, 2009

This is the first unofficial alpha release of the Joker Application Framework

CHANGELOG

Joker Application Framework ##
#####

Changelog #
#####

=====
== Changes since 0.5 ==
=====

- * environment-engine written and included
- * documentation overhauled in some parts

=====
== Changes since 0.4 ==
=====

- * l10n-engine overhauled

=====
== Changes since 0.3 ==
=====

- * l10n-engine written and included
- * theme-engine reads themes correctly

=====
== Changes since 0.2 ==
=====

- * Template-Engine included
- * Restructured PHPDoc
- * Theme-Engine included

=====
== Changes since 0.1 ==
=====

- * Some structural changes
- * PHPDoc filled out

=====
== Initial release ==
=====

- * First draft of JAF made
- * including all predicted libs and jscripts

Appendix D - Todo List

In Package JAF

In [environment_C](#)

- Create initiator that runs thru the different arrays and filters the environmental variables.

In [environment :l](#)

- create function that allows to read out of JAF::[Environment]

In [JAF:](#)

- create a database layer that allows for reading out of mysql/postgresql/sqlite
- create a module class which loads the different JAF-modules (such as pages/blog etc)

In [template.class.php](#)

- Created proper articulated theme/template that uses yaml and smarty/dwoo

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