TITLE: CMSMS Config Variables   AUTHOR:

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Introduction:

This document is intended to provide a reference to the various config variables available in CMS Made Simple, and how to use them.   It is intended as a reference for those people familiar with such concepts as database connectivity, file paths, permissions, and url rewriting. This document is not a tutorial or how-to guide.

Scope:

This document describes the variables as available in CMS Made Simple version 2.0 it does not include descriptions of variables used by third party addon modules, or for previous versions of CMSMS. Additionally, this document cannot be considered a complete reference. Third party modules and plugins may ignore some of these values or add their own.

Organization:

This document is organized roughly by the priority of the variables, from the top down. Most commonly used configuration variables will be described first.

Variable Reference:

dbms

Description:	Specifies the database management system and libraries that CMSMS should use.
Status:	Required
Type:	String
Accepted Values:	mysql, mysqli
Note:	Postgres support was removed in CMSMS 1.11

db_hostname

Description:	Specifies the hostname of the system that hosts the database.. This should be provided by your host.
Status:	Required
Type:	String
Accepted Values:	Any hostname, or IP address. 'localhost' is the proper value on most hosts.

db_name

Description:	Specifies the name of the database that CMSMS should use
Status:	Required
Type:	String
Accepted Values:	A valid database name. If you are unsure of this value, contact your hosting provider.

db_username

Description: The username of the database user that has sufficient privilege to the database name specified above. This is used to allow CMSMS to connect to the database.

Status: Required

Type: String

Accepted Values: The username of your account, or the database username created in the admin console. Contact your host for the proper value for this field if you are uncertain.

db_password

Description: Specify the password associated to the database user. This is used to allow CMSMS to connect to the database.

Status: Required

Type: String

Accepted Values: The password (plain text) that is associated with the database username specified above.

db_prefix

Description: Specify a prefix to use infront of all table names. This variable can be used to allow multiple applications to coexist inside the dame database.

Status: Required

Type: String

Default Value: cms_

db_port

Description: Specify an alternate port number to use when connecting to the database. This is useful when your database is available on a port that is not the standard.   The information provided from your host should indicate this.

Status: Optional

Type: integer

Default Value: 3306 for mysql, may be different for postgres or other systems.

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timezone

Description:	The timezone for date calculations. All times entered into and displayed by CMSMS will be in this timezone.
Note:	**Note**: Behaviour has changed regarding timezones between PHP versions, when running PHP 5.2 this variable may not need to be set. However in PHP 5.3 it needs to be set to a valid value for your server.

Note: The behavior of this variable has changed since previous versions of CMSMS. In previous versions of CMSMS the timezone value needed to be set to match the servers timezone. This is not necessarily the case any more. |
Status:	Required
Type:	String
Example:	$config['timezone'] = 'America/Denver';
Accepted Values:	See this link: http://www.php.net/manual/en/timezones.php
See Also:	http://php.net/manual/en/function.date-default-timezone-set.php

See also the set_db_timezone config variable. |

root_path

Description:	Specify the full and complete filesystem path to this CMSMS installation
Status:	Optional
Type:	String
Accepted Values:	A valid path specification
Default Value:	Determined automatically from the script location.

root_url

Description:	Specify the normal (insecure) URL to the top of your website.
Status:	Optional
Type:	String
Accepted Values:	The valid fully qualified URL to the home page of the website.
Default Value	Determined Automatically from server variables.

ssl_url

Description:	Specify the secure URL to the top of your website
Status:	Optional
Type:	String
Accepted Values:	A valid fully qualified HTTPS url to the home page of the website
Default Value:	The root url with http:// replaced with https://

admin_url

Description:	A url to specify a web accessible url to the CMSMS admin console
Status:	Optional
Type:	String
Default Value:	$config['root_url'].'/'.$config['admin_dir']

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uploads_path

Description:	This variable contains the absolute filesystem path to the location where files should be uploaded.
Status:	Optional
Type:	String
Accepted Values:	A valid filesystem path that exists under the CMSMS root directory Please ensure permissions are set correctly to allow the web server to write files to this directory.
Default Value:	$config['root_path'].'/uploads';
Note:	If you change this path to another directory you may also need to specify the uploads_url, image_uploads_path, and image_uploads_url values. Additionally, the ssl_uploads_url and ssl_image_uploads_url values may need to be adjusted if using HTTPS.

uploads_url

Description:	The web accessible URL that corresponds to the uploads path
Status:	Optional
Type:	String
Accepted Values:	A valid web acceptable URL. Please ensure that it corresponds to the uploads_path variable specified above.
Default Value:	$config['root_url'].'/uploads';
Note:	Specifying this path may be required if the uploads_path has been changed from its default value.

ssl_uploads_url

Description:	Specify the secure version of the URL corresponding to your uploads_url above. This is only necessary when using SSL for some or all pages.
Status:	Optional
Type:	String
Accepted Values:	A valid, web accessible URL. Please ensure that it corresponds to the uploads_path variable specified above.
Default Value:	$config['ssl_url'].'/uploads';

image_uploads_path

Description:	The path used by the image manager and other functionality to upload and manages images for your website.
Status:	Optional
Type:	String
Accepted Values:	A fully qualified filesystem path where images should be stored.
Default Values:	$config['uploads_path'].'/images';

image_uploads_url

Description: Specify the web accessible URL where images will be available. This must correspond to the image_uploads_path above.
Status: Optional.
Type: String
Accepted Values: A web accessible URL
Default Values: $config['uploads_url'].'/images'

ssl_image_uploads_url

Description: Specify the secure version of the web accessible URL where images will be available. This must correspond to the image_uploads_path above.
Status: Optional.
Type: String
Accepted Values: A web accessible URL
Default Values: $config['uploads_url'].'/images'

css_path

Description: The path in which cms_stylesheet should generate css files.
Status: Optional.
Type: String
Accepted Values: A fully qualified filesystem path where generated stylesheet files should be stored.
Default Values: $config['public_cache_location'].'/';

css_url

Description: The web location where css files generated by cms_stylesheet can be found.
Status: Optional.
Type: String
Accepted Values: A web accessable URL where generated stylesheet files can be found.
Default Values: $config['root_url'].'/tmp/cache';

ssl_css_url

Description: The secure web location where css files generated by cms_stylesheet can be found. This value is used when generating web requests from secure pages.
Status: Optional.
Type: String
Accepted Values: A secure web accessable URL where generated stylesheet files can be found.
Default Values: $config['ssl_url'].'/tmp/cache';

debug

Description:	Indicates whether debug mode is enabled. When debug mode is enabled automatic redirection is disabled and query and trace information is appended to the output. This mode should also be enabled to assist in diagnosing errors when error messages are hidden by default.
Status:	Optional
Type:	boolean
Accepted Values:	true or false
Default Value:	FALSE

admin_dir

Description:	Specify the name of the admin directory. This option can be used by advanced users to specify an alternate admin directory name. Although this may cause difficulty with the upgrade process.
Status:	Optional
Type:	String
Accepted Values:	A valid directory name (relative to the root_path above).
Default Value:	admin

auto_alias_content

Description:	Specify whether page aliases should automatically be created for new pages.
Status:	Optional
Type:	Boolean
Default Value:	FALSE

url_rewriting

Description:	What type of URL rewriting should we be using for pretty URLs. The possible values for this variable are system dependant.
Status:	Optional
Type:	String
Accepted Values:	none, internal, mod_rewrite
Example::	$config['url_rewriting'] = 'internal';
Default Value:	none
See Also:	http://wiki.cmsmadesimple.org/index.php/FAQ/Installation/Pretty_URLs#Pretty_URLs

page_extension

Description:	Used when the url_rewriting is a value other than 'none' this variable specifies the extension that should be appended to all URLS that the system generates.
Status:	Optional
Type:	String
Default Value:	n/a
Example:	$config['page_extension'] = '.html';

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query_var

Description:	Specifies the name of the URL variable that will indicate the page alias. You should not need to override this value unless the default value interferes with another software package.
Status:	Optional
Type:	String
Default Value:	page

locale

Description:	Locale to use for various default date handling functions, etc. Leaving this blank will use the value associated with the currently selected 'language' for frontend or admin actions. Specifying this value will only be used once per request.
Note:	Though you can specify any valid locale, the locale information you specify must be installed on the server.
Status:	Optional
Type:	String
Default Value:	n/a
See Also:	http://php.net/manual/en/function.setlocale.php
Note:	Behavior of this config variable changed in 1.11

set_names

Description:	A flag indicating whether a 'set names' command should be given to the mysql database upon connection.
Status:	Optional
Type:	Boolean
Default Value:	TRUE

set_db_timezone

Description:	A flag indicating whether a 'set timezone' command should be given to the mysql database upon connection.
Status:	Optional
Type:	Boolean
Default Value:	FALSE
Version 1.11.7	Added, default value is FALSE
See Also	timezone config variable.

show_performance_info

Description:	A flag indicating whether performance information should be appended to all output from CMSMS requests.
Note:	This setting when enabled could interfere with the output of some modules, for example when downloading files or exporting XML information. This variable is not normally set in the config file, setting this variable to any value will enable the feature.
Status:	Optional
Type:	Boolean
Default Value:	FALSE

debug_to_log

Description: A flag indicating whether the debug_to_log method should actually output anything. This variable should be set to false for production environments.

Status: Optional

Type: Boolean

Default Value: FALSE

showbase

Description: This config variable, indicates wether the <base> tag should be output by the {metadata} tag. This config variable can also be overridden by the showbase parameter of the {metadata} tag.

Status: Optional

Type: boolean

Example: $config['show_base'] = true;

Default Value: true

developer_mode

Description: This config variable enables various functionality (Particularly in the ModuleManager) that is intended primarily for module developers.

Status: Optional

Type: boolean

Example: $config['developer_mode'] = true;

Default Value: false

public_cache_location

Description: This config variable allows specifying a web addressable location where CMSMS can write files that should be publicly browseable.

You must specify an absolute directory that is writable by the php process.

Since: 2.0

Status: Optional

Type: string

Example: $config['public_cache_location'] = '/var/www/cmsms/tmp/cache';

Default Value: $config['root_path'].'/tmp/cache'

tmp_cache_location

Description: This config variable allows specifying a secure location where CMSMS can write files that should not necessarily be web browseable.

You must specify an absolute directory that is writable by the php process.

Since: 2.0
Status: Optional
Type: string
Example: $config['tmp_cache_location'] = '/var/www/cmsms/tmp/cache';
Default Value: $config['root_path'].'/tmp/cache'

tmp_templates_c_location

Description: This config variable allows specifying a location where smarty can write its compiled templates. This directory does not need to be publicly browseable.

You must specify an absolute directory that is writable by the php process.

Since: 2.0
Status: Optional
Type: string
Example: $config['tmp_templates_c_location'] = '/var/www/cmsms/tmp/somedir';
Default Value: $config['root_path'].'/tmp/templates_c'

Revision History:

August 2011 – Robert Campbell

Initial Revision

October 2011 – Robert Campbell

Fixes to minor spelling and puctuation errors.

April 2012 – Robert Campbell

Updated for CMSMS 1.11

- Adds css_path
- Adds css_url
- Adds ssl_css_url
- Removes process_whole_template
- Removes output_compression
- Removes use_adodb_lite
- Remove use_smarty_php_tags
- Removes default_upload_permission

July 2012 – Robert Campbell

Final corrections for 1.11

May 2013 – Robert Campbell

Updated for CMSMS 1.11.7

- added info for set_db_timezone

February 2014 – Robert Campbell

Updated for CMSMS 2.0

- added info developer_mode
- updated info for set_db_timezone
- removed php_memory_limit

May 2015 – Robert Campbell

Further Updates for CMSMS 2.0

- remove all removed config entries
- added public_cache_location
- added tmp_cache_location
- added tmp_templates_c_location