

Coa, a GetSimple framework

Coa is a powerful framework to create lean and functional templates.

It provides the Coa language and some useful out of the box features for fast and flexible development.

Coa is available for [GetSimple](#), the simplest Content Management System ever.

This documentation is related to Coa 1.5.2.

If you like Coa, consider supporting its development

www.plue.me/coa/support-coa

Thanks a lot.

Get started

Watch the [brief video overview](#)

[Download Coa](#) from GetSimple

Visit the [Coa project page](#)

[Drop me a mail](#) if you have any questions

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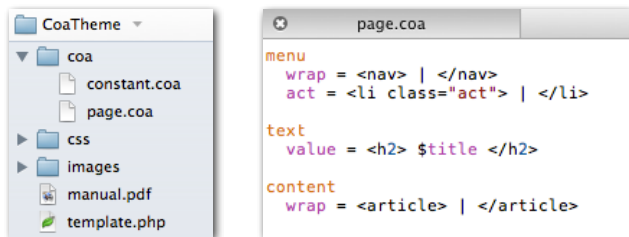
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1. The Coa Language

A website developed with Coa needs at least two templates. These are 'constant.coa' and 'page.coa'. The constant template contains the website header and a bit of configuration, the page template contains the website body.

Create objects like 'menu', 'css', 'content' or 'image' to build your template. Assign attributes to them to specify their behaviour. You find all possible objects and attributes in the reference below.

You can use variables like '\$excerpt', '\$description' or '\$title' to print the data you need. Or generate basic galleries in seconds – with 'Image Tags'.



Facts

- Objects have to be separated with an empty line.
- Use '#' at the beginning of a line to comment attributes or even whole objects.
- Paths usually start in the theme folder, defined in 'template.php'.
- Wraps are always separated with a pipe, e.g. <div> | </div>.

Editing Coa

To show the Coa templates in the GetSimple theme editor you can add the suffix '.php' and change the relating paths in 'template.php'. If you use a web editor you can benefit from the Coa Syntax Mode, available on www.plue.me/coa.

1.1 Examples

Create a dynamic menu in a breath:

```
menu
wrap = <ul> | </ul>
act = <li class="act"> | </li>
```

Make a breadcrumb navigation out of it:

```
menu
mode = breadcrumb
wrap = <ul> | </ul>
cur = <li class="cur"> | </li>
```

Get content which is only shown on subpages:

```
content
get = sidebar
if = sub
```

You can place other files in your template, too:

```
place
file = footer.php
wrap = <footer> | </footer>
```

Use the constant objects to include CSS and JavaScript files:

```
css
all = css/style.css
print = css/print.css
```

```
script
js = js/jquery.js
js1 = js/functions.js
```

1.2 Conditions

All objects can have the attributes 'only' and 'exclude'. Both can have comma separated page ids where to show or hide the object.

```
meta
description = This is the website description ...
only = index, about-us
#exclude = index
```

All objects can use 'if' with the values 'sub' or '!sub' to show or hide it on subpages

```
text
value = <h1> $title </h1>
if = !sub
```

and the values 'translation' or '!translation' to show or hide it for a certain language.

```
text
value = <h1 class="french"> $title </h1>
if = translation
```

1.3 Constant Objects

config

loginReq = if set to 1, login is required to see the website

minify = if set to 1, source code is compressed

cache = if set to 1, cache is enabled (disabled if logged in)

htmlTag = enter custom string, e.g. <html id="foo">

bodyTag = use 'basic' or 'extended' for IE and no.js classes or enter custom string

protMail = use 1 to protect email strings with %m@d.com%, 2 to protect simple mailto links as well

wrapPage = wraps the whole page template, e.g. <div id="wrap"> | </div>

main

title = defines the website title tag

charset = website charset, default is utf-8

language = set language code for <html> tag, default is 'en' (comma separated for translation)

meta

viewport = defines the content of the viewport meta tag

robots = defines the content of the robots meta tag

description = website meta description

keywords = website meta keywords

headerGS = set this to 'none' to exclude the default GetSimple header

css

wrap = wraps each <link> tag, useful e.g. for conditional comments

all = path to css file without media tag, also numeric (all1 - all9)

screen = path to css file with media="screen", also numeric (screen1 - screen9)

print = path to css file with media="print", also numeric (print1 - print9)

handheld = path to css file with media="handheld", also numeric (handheld1 - handheld9)

script

wrap = wraps each script tag, useful e.g. for conditional comments

js = path to JavaScript file, also numeric (js1 - js9)

text

value = string to echo into the website header

wrap = wraps the whole object

1.4 Page Objects

text

value = string to echo

wrap = wraps the whole object, e.g. <p> | </p>

link = define a link, optional target set after comma

content

get = default is 'one' and gets the page content, also components work e.g. 'sidebar'.
use 'page: page_slug' to get content of the given page

wrap = wraps the whole object, e.g. <article> | </article>

image

file = path to the image

alt = alternative title

title = image title

wrap = wraps the whole object

size = define image width and height, separate with comma (use 'auto' for no attribute)

link = define a link, optional target set after comma

menu

mode = use 'breadcrumb' or 'default' (native GetSimple menu)

list = comma separated page ids, if set only these pages are shown

language = comma separated menu texts for language menu (active if set)

title = use 1 to show the title attribute of the <a> tags

wrap = wraps the whole menu, default is |

item = wraps each menu item, default is |

act = wraps each active menu item, means current page and its parents

cur = wraps the current menu item, e.g. <li id="cur"> |

place

file = path to file that shall be included, allowed are php, html, txt and coa files

wrap = wraps the whole object

script

wrap = wraps the script tag, useful e.g. for conditional comments

js = path to JavaScript file to fire in the footer, also numeric (js1 - js9)

2. Image Tags

These tags basically fetch images from a given directory. Display them as thumbnails, an image list or in a minimalist lightbox.

- Image captions, titles and alternatives from file title.
- Uncomment the predefined styles in 'coa.css'.
- Paths always start at 'data/uploads/'.
- Image Tags are limited to the body.

Lightbox

- Use [lightbox: path_to_folder] to insert the Coa Lightbox.
- Depends on jQuery and a lightbox script. The latter will be included automatically.
You can change the path with the config object ('lightboxJS = new_path').

Images

- Use [images: path_to_folder] to insert an image list.

Thumbnails

- Use [thumbs: path_to_folder] to insert a thumbnail list

3. Variables

There are several variables available you can use universally.

\$title echo page title

\$cleanTitle echo unformatted page title

\$slug echo page slug

\$keywords echo page meta keywords

\$description echo page meta description

\$date / \$date{Y} echo page date (last change) with optional format in brackets, default is 'j. M Y'

\$excerpt / \$excerpt{50} echo content excerpt with optional length in brackets, default is 100

\$parent echo page parent

\$siteName echo website name

\$theme echo theme name

4. Page Translation

Coa adds the ability to translate pages really smoothly. With a click on 'Translate Page' in the sidebar of Pages you can easily translate the page title, menu text and content of every page.

All Coa Objects can be visible or invisible for a certain language. See 'Conditions' for details.

Example language menu (with custom menu text)

menu

language = English, German

act = <li class="act"> |

Settings

With the constant TRANSLATIONURL in 'CoaTheme/template.php' you can set the translated language name for the language parameter or pretty url path segment.

With the main object you can set the language codes for the <html> tag:

main

language = en, de

Pretty Urls

To rewrite translated urls with a virtual path segment, you need to set a custom permalink structure like '%slug%.html' or '%parent%/slug%.html' and your .htaccess file needs to be updated. Replace the default RewriteRule with:

```
RewriteRule ^([A-Za-z0-9_-]+).html index.php?id=$1 [QSA,L]
RewriteRule ^([A-Za-z0-9_-]+)/([A-Za-z0-9_-]+).html index.php?id=$2&L=$1 [QSA,L]
RewriteRule ^([A-Za-z0-9_-]+)/([A-Za-z0-9_-]+)/([A-Za-z0-9_-]+).html index.php?id=$3&L=$1 [QSA,L]
```

If your website is in a subdirectory you need to set the constant SUBDIRPATH in 'CoaTheme/template.php' and update the RewriteBase in your .htaccess file as well.

5. Change Log

Version 1.5.2

- Bugfix: Saving quotes in page translations

Version 1.5.1

- Bugfix: Including Coa files with 'place'

Version 1.5

- Page Translation
- Rearranged Coa to a plugin
- Language menu
- Conditions for page language
- Improved caching
- List and Breadcrumb menus show pages not added to menu
- Lightbox bugfix and relocated script to 'plugins/CoaPlugin/res/'
- Removed webfont 'Dosis'

Version 1.4

- Global variables to echo data
- Removed attribute 'data' and the '%'-variables
- Removed attribute 'favicon', 'base' and value 'ieClass'
- New attribute 'bodyTag'
- Responsive CSS
- Lightbox script moved to Google Code
- Default charset is utf-8
- Renamed menu mode breadcrumb to 'breadcrumb'
- Menu <a> tags have no title by default
- Place object supports txt files
- Less code, less bugs

Version 1.3

- Menu from list
- Improved documentation
- Minimalist design
- Get content of certain page
- Media 'handheld' for CSS object

Version 1.2

- Coa Lightbox
- Images and thumbnails from directory

Version 1.1

- Custom HTML tag
- Optional template suffix .coa.php
- Reset and base CSS

Version 1.0

- Coa template language
- HTML cache
- Source compression
- Hierarchical menus
- Breadcrumb navigation
- Active and current menu items
- Protection of email links and strings
- HTML5 ready

6. License

Modified MIT License

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Feel free to contact me if you have any further questions or feedback.

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