

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 1.7.

Features

- Coa Script
- Solid HTML5 and CSS
- Smooth Page Translation
- Hierarchical, Breadcrumb, List and Language Menus
- Additional Page Content
- Image Tags and Variables
- E-Mail Protection
- HTML Cache
- Optional Admin Style

Get started

[Download Coa](#) from GetSimple

Visit the [Coa project page](#)

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

Do you like Coa and wish to support it?

www.plue.me/coa/support-coa

Thanks a lot.

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1. Coa Script

A website developed with Coa needs at least two templates: 'constant.coa.php' and 'page.coa.php'. 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 next chapters below.

You can use variables like '\$excerpt', '\$description' or '\$title' to print the data you need.

Example Image

```
1 menu
2 wrap = <nav><ul> | </ul></nav>
3 act = <li class="act"> | </li>
4
5 content
6 wrap = <article><h2>$title</h2> | </article>
7
8 content
9 get = sidebar
10 if = sub
```

Rules

- 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
- Wraps are always separated with a pipe, e.g. | .

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
```

Place other files into your template:

place

```
file = footer.php
```

```
wrap = <footer> | </footer>
```

Use the constant template to include CSS and JavaScript files:

css

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

```
print = css/print.css
```

script

```
js = js/jquery.js
```

```
js1 = js/functions.js
```

Activate HTML cache and protect email links and strings:

config

```
cache = 1
```

```
protMail = 2
```

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

You can use 'login' or '!login' for logged in (or not logged in) back-end users.

text

value = still in production...

if = login

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

extFiles = set to 'none' to exclude external files (e.g. lightbox CSS)

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, 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, 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

place

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

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 the 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

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

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

2. Tags

2.1 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.
- 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 unless external files are deactivated with the config object ('extFiles = none').

Images

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

Thumbnails

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

2.2 Page Tag

Insert the page content of a given slug into another page.

- Use [page: page_slug]

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

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

menu

language = English, German

act = <li class="act"> |

Settings

Hide the 'Translate Page' button with 'Coa Settings' on the Plugins page.

With the constant TRANSLATIONURL in '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 'template.php' and update the RewriteBase in your .htaccess file as well.

5. License

Modified MIT License

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