# MinificationWebHelpers Documentation

***Release 0.3.6***

**Pedro Algarvio & Domen Kozar**

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# CONTENTS

**Author** Pedro Algarvio <ufs_REMOVE@ME_ufsoft.org>

**Maintainer** Domen Kozar <domen_REMOVE@ME_dev.si>

**Version** 0.3.6

**Source** bitbucket.org

**Bug tracker** bitbucket.org/issues

Consider the MinificationWebHelpers an extension to WebHelpers.

Basicaly MinificationWebHelpers adds following options to the WebHelpers javascript_link and stylesheet_link functions:

- **minified** (bool): Minifies/reduces as much as possible each of the files passed to it's minimum size to reduce page load times.
- **combined** (bool): Joins all files passed into a single one to reduce server requests which in turn reduces page load times.
- **beaker_kwargs** (dict): override default arguments that will be passed to *beaker_cache*.
- **combined_filename** (string): Name of the filename that will be used in conjunction with *combined=True*

For complete list of additional parameters reffer to `base_link()`.

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**Note:** Running Pylons/TG application in debug mode will force minfied and combined options off.

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**Note:** For an up-to-date read of the documentation, always reffer to offical documentation page on site.

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CHAPTER

ONE

# DETAILS ABOUT IMPLEMENTATION

MinificationWebHelpers cache your javascript and css files through Beaker's `@beaker.cache` decorator. Default parameters passed to beaker cache:

```
beaker_kwargs = dict(key='sources', expire='never', type='memory')
```

Javascript minification is achieved through Python port of jsmin.

MinificationWebHelpers maps HTTP URLs to filesystem path by exaiming pylons config for *static_files*.

CHAPTER

TWO

# USAGE

On your own Pylons application, inside `<app>/lib/helpers.py` you add:

```
from minwebhelpers import *
```

Then, inside a template you could have:

```
<head>
  ${ h.javascript_link('/js/file1.js',
                       '/js/file2.js',
                       minified=True,
                       combined=True,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
combi
  ${ h.stylesheet_link('/css/style1.css',
                       '/css/style2.css',
                       minified=True,
                       combined=True,
                       beaker_kwargs=dict(invalidate_on_startup=False)) }
</head>
```

The above would mean `file1.js` and `file2.js` would be combined and then minimized (same story for css files).

CHAPTER

THREE

# INSTALATION

It's as easy as:

```
sudo easy_install MinificationWebHelpers
```

Or if you wish to install current trunk:

```
sudo easy_install http://bitbucket.org/iElectric/minificationwebhelpers/get/tip.zip
```

CHAPTER

FOUR

# API

CHAPTER

FIVE

# CHANGELOG

## 5.1 17-04-2010: Domen Kozar v0.3.6

- added *strip_prefix* parameter to `minwebhelpers.base_link()`

## 5.2 28-09-2009: Domen Kozar v0.3.5

- added *timestamp* parameter [thanks to bobf]

## 5.3 10-06-2009: Domen Kozar v0.3.4

- finally refactored custom cssutils serializer, threw out some stuff and fixed bugs.

## 5.4 10-06-2009: Domen Kozar v0.3.3

- fix compatibility with Windows platform (os.path)

## 5.5 09-06-2009: Domen Kozar v0.3.2

- added *combined_filename* parameter
- fixed a bug when two paths were similar and resulted in IOError

## 5.6 22-05-2009: Domen Kozar v0.3.1

- updated documentation
- added *beaker_kwargs* option to both function that overrides default caching behaviour
- fixed a bug when paths were not joined correctly
- written unittests

## 5.7 04-05-2009: Domen Kozar v0.3.0

- fixed a bug when sources were not invalidated (in cache) on startup
- complete refactoring

## 5.8 16-04-2009: Domen Kozar v0.2.1

- replaced deprecated rails functions with new webhelpers.html package
- added invalidate_on_startup=True argument to beaker.cache

## 5.9 02-02-2007: Pedro Algarvio v0.2.0

- Included the fix implemented on [110], wasn't included on trunk.
- Skip minification/combination when requesting builtin javascripts.

CHAPTER

SIX

# INDICES AND TABLES

- *genindex*
- *modindex*
- *search*

# PYTHON MODULE INDEX

## m

minwebhelpers, **??**