
Cece Documentation

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Cece is a static site generator for how to sites.

1.1 Getting Started

Coming soon!

1.2 Code Documentation

1.2.1 `cece.compiler`

The compiler takes a parsed set of guides and compiles and writes the output to the file system.

class `cece.compiler.Compiler` (*config*, *guides*)

The compiler object.

Parameters

- **config** (*dict*) – The configuration
- **guides** (*dict*) – The parsed set of guides to output

`_make_id_url` (*id*)

Make url from an id.

Parameters **id** (*string*) – The id to form into a url

`compile` ()

Compile the provided guides and write out the result to the file system.

`_compile_folder` (*path*, *folder*)

Compile a folder, which is a listing of links to other folders or pages.

Parameters

- **path** (*string*) – The path of the folder
- **folder** (*dict*) – The data for the folder

`_compile_page` (*path*, *page*)

Compile a page.

Parameters

- **path** (*string*) – The path of the page
- **page** (*dict*) – The data for the page

1.2.2 cece.main

The main module for cece. This contains the entry point for the application.

`cece.main.main()`

The main entry point for cece.

1.2.3 cece.parser

The parser reads the files and metadata from the file system, and builds a list of files to write out to the file system.

Functions

`cece.parser._get_breadcrumbs(path)`

A utility method for getting the breadcrumb links from a path. They are built by repeatedly taking the dirname of the path.

For example, "category1/category2/variant1/variant2" would produce:

```
[
    "category1",
    "category1/category2",
    "category1/category2/variant1",
    "category1/category2/variant1/variant2"
]
```

Classes

`class cece.parser.ParsingException(path, message)`

A custom exception that is thrown when there are errors parsing the files.

Parameters

- **path** (*string*) – The path of the file that raised the exception
- **message** (*string*) – The error message

`class cece.parser.Parser(config)`

The parser object.

Parameters `config` (*dict*) – The configuration

`parse()`

Parse the files and cache the parsed result.

Returns The parsed files, as a dictionary

`_load_folder(meta, path)`

Load the contents of a folder into the cache.

Parameters

- **meta** (*dict*) – The meta data for the folder
- **path** (*string*) – The path of the folder

`_load_guide(meta, path)`

Load the contents of the guide into the cache.

Parameters

- **meta** (*dict*) – The meta data for the guide
- **path** (*string*) – The path to the guide folder

_load_dirs (*root_dir*)

Load a directory and its children.

Parameters **root_dir** (*string*) – The path to the root dir to parse

1.2.4 cece.util

Utilities for cece

`cece.util.load_yaml_file` (*path*)

Open and read a file, convert the contents to yaml, and close the file.

Parameters **path** (*string*) – Path to the yaml file

Returns The parsed yaml file contents

`cece.util.natural_sort` (*lst*, *key*=<function <lambda>>)

Sort a list in a natural way.

This works by splitting the key, which must be a string, into string and integer parts. The list of all of those parts is then used as a key for Python's built in sort function.

Parameters

- **lst** (*list*) – The list to sort
- **key** (*function*) – The key function to use

`cece.util.makedirs` (*path*)

Safely make a directory by ensuring every parent directory is created.

Parameters **path** (*string*) – The directory to create

`cece.util.iterate_list_subsets` (*lst*)

Iterate over the sublists of the given list. Each sublist starts at the beginning of the given list, and is one item longer than the previous one.

For example, [1, 2, 3, 4, 5] would yield:

- [1]
- [1, 2]
- [1, 2, 3]
- [1, 2, 3, 4]
- [1, 2, 3, 4, 5]

Parameters **lst** (*list*) – The list to iterate

Returns An iterator over the sublists

Quickstart

Coming soon!

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