
dkpkg Documentation

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1.1 dkpkg package

1.1.1 Submodules

1.1.2 dkpkg.directory module

Programatic interface to package structure.

Use the *Package* class.

```
class dkpkg.directory.DefaultPackage (root, **kw)
```

Bases: *object*

Default package directory layout (consider this abstract, both in the sense that this class is abstract and in the sense that this is the attribute names of this object, not neccessarily the actual directory name)

<parent>	# self.location (abspath)
--<name>	# self.root (abspath), self.package_name
--<name>	# <name> == self.name, self.source
-- static	# self.django_static
`-- templates	# self.django_templates
-- js	# self.source_js
-- less	# self.source_less
-- docs	# self.docs
+-- tests	# self.tests
-- build	# self.build
-- coverage	# self.build_coverage
-- docs	# self.build_docs
-- lintscore	# self.build_lintscore
-- meta	# self.build_meta
`-- pytest	# self.build_pytest
+-- setup.py	#
`-- requirements.txt	#

KEYS = {'build', 'build_coverage', 'build_docs', 'build_lintscore', 'build_meta', 'build_pytest'}

A set of all overridable keys

all_dirs

Return all package directories.

build = **None**

The root of the build output directory.

build_coverage = **None**

Coverage output directory.

build_dirs

Directories containing build artifacts.

build_docs = **None**

Documentation output directory.

build_lintscore = **None**

Lintscore output directory.

build_meta = **None**

Package meta output directory.

build_pytest = **None**

Pytest output directory.

django_dirs

Directories containing/holding django specific files.

django_models

Return the path to the Django models.

django_models_dir = **None**

The django models directory

django_models_py = **None**

the django models.py file

django_static = **None**

The django app static directory.

django_templates = **None**

The django app template directory.

docs = **None**

The documentation source directory.

is_django ()

Is this a Django package?

location = **None**

The abspath of the directory containing the root.

make_missing ()

Create all missing directories.

missing_dirs ()

Return all missing directories.

name = **None**

The importable name.

package_name = None
The pip-installable name.

public_dir = None
Gitlab public directory.

root = None
The abspath to the “working copy”.

source = None
The source directory.

source_dirs
Directories containing source.

source_js = None
The javascript source directory.

source_less = None
The less source directory.

tests = None
The tests directory.

tests_js = None
the javascript tests directory

write_ini (*_fname, section*)
Write to ini file.

class `dkpkg.directory.Package` (*root, **kw*)
Bases: `dkpkg.directory.DefaultPackage`
Package layout with possible overrides.

1.1.3 Module contents

A common naming scheme for the parts of a Python package.

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