
django-unload Documentation

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Styria Digital Services

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1	Installation	3
1.1	Requirements	3
1.2	Installation	3
1.3	Setup	3
2	User Guide	5
2.1	Scan the project	5
2.2	Scan an app	5
2.3	Output	5
2.4	Example Output	6
3	Indices and tables	7

django-unload is a maintenance application used for performing template cleanup. It is used primarily as a command-line tool that scans the entire project or the specified app and returns the results in a tabular format.

Contents:

Installation

1.1 Requirements

- Python 2.7+, 3.4+
- Django 1.8 (1.9 support will be added later)
- Tabulate

1.2 Installation

To install the package, type:

```
$ pip install django-unload
```

1.3 Setup

Ensure that 'unload' is in your project's `INSTALLED_APPS`:

```
INSTALLED_APPS = [  
    ...  
    'unload',  
    ...  
]
```


django-unload is used as a command line tool. It can either be used to scan all template files in the project or the templates in the specified Django app.

In order for the plugin to function properly, all third-party packages located in the *INSTALLED_APPS* setting (e.g. *django-debug-toolbar*) should be installed using *pip*. *django-unload* uses *pip* to differentiate between the project's templates and the templates of packages located in the installed apps (e.g. admin templates).

2.1 Scan the project

To scan all template files in the project, type:

```
$ python manage.py find_unnecessary_loads.
```

2.2 Scan an app

To scan a specific app, type:

```
$ python manage.py find_unnecessary_loads --app <app_name>.
```

2.3 Output

The output is sent to the console. Although all template files are scanned, only templates with issues and the issues in question are displayed. The issues are displayed in two tables:

1. The first table points to duplicate loads;

Duplicate module	Duplicate tag/filter	Line number
some_module		10, 23
some_other_module	some_tag	14, 47

2. The second table simply lists unutilized modules, tags and filters;

Unutilized module	Unutilized tag/filter
some_module	some_tag
some_other_module	some_filter

WARNING: If you get a *TemplateSyntaxError*, the template in question is probably outdated and/or has not been used in a while.

2.4 Example Output

/path/to/template.html

Duplicate module	Duplicate tag/filter	Line number
some_module		10, 23
some_other_module	some_tag	14, 47

Unutilized module	Unutilized tag/filter
some_module	some_tag
some_other_module	some_filter

Indices and tables

- `genindex`
- `modindex`
- `search`