
django-smartspaceless Documentation

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Django Smart Spaceless is a [Django template tag](#) application for minifying block-level HTML elements only.

It's just like [spaceless](#), but preserves white space between inline HTML elements. Useful for HTML where spaces directly between `<a>`, ``, and other inline elements is likely desired to be preserved. Packages the [django-htmlmin](#) project to be used as a template tag.

- [Package distribution](#)
- [Code repository](#)
- [Documentation](#)
- [Tests](#)

CHAPTER 1

Install

```
$ pip install django-smartspaceless
```

Add to `settings.py`.

```
INSTALLED_APPS = [  
    # ...  
    'smartspaceless',  
]
```


CHAPTER 2

Usage

```
{% load smartspaceless_tags %}

{% smartspaceless %}
<p><a href="#">Link 1</a></p>
<p><a href="#">Link 2</a> <a href="#">Link 3</a></p>
{% endsmartspaceless %}
```

Result:

```
<p><a href="#">Link 1</a></p><p><a href="#">Link 2</a> <a href="#">Link 3</a></p>
```

The space between `Link 2` and `Link 3` is preserved. Removing that space would be bad.

CHAPTER 3

Note

Please note that `django-htmlmin` by default uses the `html5lib` parser, which prepends possibly missing `<html><head></head><body>` and appends possibly missing `</body></html>` tags in an effort to create valid HTML. The template tag changes this default behavior to use `html.parser`, the HTML parser in Python's standard library, which does not alter HTML fragments.

CHAPTER 4

Contents

Install

Install with the `pip` package manager.

```
$ mkvirtualenv myenv -p python3
$ pip install django
$ pip install django-smartspaceless
```

After creating a project, add `smartspaceless` to `INSTALLED_APPS` in `settings.py`.

```
INSTALLED_APPS = [
    # ...
    'smartspaceless',
]
```

Remember to update your `requirements.txt` file. In your project directory:

```
$ pip freeze > requirements.txt
```

Usage

Load the template tag in a template. Run the tag with an opening and closing tag.

```
{% extends "base.html" %}

{% load smartspaceless_tags %}

{% block content %}

    {% smartspaceless %}
    <p><a href="#">Link 1</a></p>
```

```
<p><a href="#">Link 2</a> <a href="#">Link 3</a></p>
{% endsmartspaceless %}

{% endblock %}
```

Result:

```
<p><a href="#">Link 1</a></p><p><a href="#">Link 2</a> <a href="#">Link 3</a></p>
```

Documentation

Full documentation is available online.

However, you can also build the documentation from source. Enter your virtual environment.

```
$ workon myvenv
```

Clone the code repository.

```
$ git clone git@github.com:richardcornish/django-smartspaceless.git
$ cd django-smartspaceless/
```

Install `Sphinx`, `sphinx-autobuild`, and `sphinx_rtd_theme`.

```
$ pip install sphinx sphinx-autobuild sphinx_rtd_theme
```

Create an HTML build.

```
$ (cd docs/ && make html)
```

Or use `sphinx-autobuild` to watch for live changes.

```
$ sphinx-autobuild docs/ docs/_build_html
```

Open `127.0.0.1:8000`.

Tests

Continuous integration test results are available online.

However, you can also test the source code.

```
$ workon myvenv
$ django-admin test smartspaceless.tests --settings="smartspaceless.tests.settings"

Creating test database for alias 'default'...
.....
-----
Ran 10 tests in 0.713s

OK
Destroying test database for alias 'default'...
```

A bundled settings file allows you to test the code without even creating a Django project.

CHAPTER 5

Indices and tables

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

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