

## Custom Template Tags

### Template Tags

- **Django Template Tags** are simple Python functions which accepts a 1 or more value, an optional argument, process those values and return a value to be displayed on the page.
- **Tags** can be used to create text in the output, control flow by performing loops or logic, and to load external information into the **template**.
- {% tag %}
- Tag requires beginning and end
- {% tag %} ... tag contents ... {% endtag %}
- Django provides about 26 built-in template tags.
- You can create your own template tag known as custom template tags

### Define own custom tags

- Create templatetags in app directory

```
projectFolder
├── manage.py
├── projectFolder
└── app
    ├── *.py
    ├── views.py
    ├── templatetags
    │   ├── __init__.py
    │   └── app_tags.py
```

- In app\_tags.py

```
from django import template
import datetime
register=template.Library()

@register.simple_tag(name="get_date")
def get_date():
    now=datetime.datetime.now()
    return now
```

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- In template html file

```
{%load app_tags %}
{% get_date as today %}
<p>{{today}}</p>
```

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