
django-ember Documentation

Release 0.3.1

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CONTENTS

Django Ember help integrates Ember.js in Django. It use [Django.js](#) as base and is inspired from:

- [Miguel Araujo's verbatim snippet](#).
- [Makina Corpus django-templatetag-handlebars](#).

COMPATIBILITY

Django Ember requires Python 2.6+, Django 1.4.2+ and Django.js 0.7.6+.

INSTALLATION

You can install Django Ember with pip:

```
pip install django-ember
```

or with easy_install:

```
easy_install django-ember
```

Add `djangojs` and `ember` to your `settings.INSTALLED_APPS`.

Django Ember depends on [Django.js](#). It will be installed by pip/easy_install. If you want to use [Django.js](#) feature, add `djangojs` to your `settings.INSTALLED_APPS`.

DOCUMENTATION

3.1 Template tags

3.1.1 Loading template tags

You can either:

- load the template tag lib into each template manually:

```
{% load ember %}
```

- load the template tag lib by adding to your `views.py`:

```
from django.template import add_to_builtins
```

```
add_to_builtins('ember.template_tags.ember')
```

3.1.2 JS Libraries templates tags

Tag	JS Library
{% handlebars_js %}	Handlebars.js (1.0.0-rc.4)
{% ember_js %}	Ember.js (1.0.0-RC.6.1)
{% ember_data_js %}	Ember Data (0.13-78-g9602df4)
{% tastypie_adapter_js %}	Ember Data Tastypie Adapter (9db4b9a)
{% ember_full_js %}	Ember.js + Handlebars.js + jQuery (optionnal)
{% emberpie_js %}	Ember.js + Handlebars.js + jQuery (optionnal) + Ember Data + Tastypie Adapter

Exemple:

```
<head>
{% ember_full_js %}
...
</head>
```

Will render into insert the follwing JS lib script tags:

- Ember.js
- Handlebars.js
- jQuery

jQuery loading is optionnal for `{% ember_full_js %}` and `{% emberpie_js %}` tags. Simply set `jquery` keyword to `false`:

```
{% ember_full_js jquery=false %}
{% emberpie_js jquery=false %}
```

Note: If `settings.DEBUG=True` the unminified versions of library is loaded instead of the minified versions if `settings.DEBUG=False`.

3.1.3 JS Template helpers

Django Ember the `{% handlebars %}` allow to easily write handlebars template for Ember.js. Call the template tag, and write your Handlebars template:

```
{% handlebars "tpl-infos" %}
  {{total}} {% trans "result(s)." %}
  <p>{% trans "Min" %}: {{min}}</p>
  <p>{% trans "Max" %}: {{max}}</p>
{% endhandlebars %}
```

The following block will be rendered in your page:

```
<script type="text/x-handlebars" data-template-name="tpl-infos">
  {{total}} result(s).
  <p>Min: {{min}}</p>
  <p>Max: {{max}}</p>
</script>
```

There is a `linkto` helper:

```
<li class="nav">{% linkto "about" %}About{% endlinkto %}</li>
```

The following block will be rendered in your page:

```
<li class="nav">{{#linkto "about"}}About{{/linkto}}</li>
```

When using verbatim style tags sometimes it is hard to spot what is Ember and what is Django; the purpose of this generic ember tag is making it easier.

Usage:

```
{% ember varname %}
{% ember #tagname arg1 "arg2" ... argn %} ... {% ember /tagname %}

{# example: #}
{% ember #if spam %}
  SPAM: {% ember spam %}
{% ember else %}
  No spam for you. Try with eggs.
{% ember /if %}
```

This will render as:

```
{{varname}}
{{#tagname arg1 "arg2" ... argn}} ... {{/tagname}}

{{#if spam}}
  SPAM: {{spam}}
```

```
{{else}}
    No spam for you. Try with eggs.
{{/if}}
```

3.2 API

3.2.1 ember – Main package

3.2.2 ember.template_tags.ember – Javascript template tags

Ember.js template tags.

Provide helpers to use Ember.js with Django

Inspired by:

- Miguel Araujo: <https://gist.github.com/893408>
- Makina Corpus: <https://github.com/makinacorporus/django-templatetag-handlebars>

class `ember.template_tags.ember.EmberTagNode` (*args*)

Bases: `django.template.base.Node`

Helper tag to escape Ember template constructs that conflict with Django template syntax. When using *verbatim* style tags sometimes it is hard to spot what is Ember and what is Django; the purpose of this tag is making it easier.

Usage:

```
:: {% ember varname %} {% ember #tagname arg1 arg2 ... argn %} ... {% ember /tagname %}
```

This will render as:

```
:: {{varname}} {{#tagname arg1 arg2 ... argn}} ... {{/tagname}}
```

This tag is not aware of the Ember template syntax, it will just escape the constructs but will not make any check.

class `ember.template_tags.ember.HandlebarsNode` (*template_id, text_and_nodes*)

Bases: `djangojs.template_tags.js.VerbatimNode`

A Handlebars.js block is a *verbatim* block wrapped inside a named (*template_id*) `<script>` tag.

```
{% handlebars "tpl-popup" %}
  {{#ranges}}
    <li>{{min}} < {{max}}</li>
  {{/ranges}}
{% endhandlebars %}
```

class `ember.template_tags.ember.LinkToNode` (*odelist, *args*)

Bases: `django.template.base.Node`

Renders `{% linkto arg1, "arg2" ... argn %} ... {% endlinkto %}` as `{{#linkTo arg1 "arg2" ... argn }} ... {{/linkTo}}`.

The arguments are rendered *ipsis literis*, quotes included.

The tag content is parsed as a normal Django template (it is not like *verbatim*).

If you need a Handlebars.js tag or variable use `{% ember varname %}`, this will be rendered as `{{ varname }}`.

3.3 Changelog

3.3.1 0.3.1 (2013-07-30)

- Upgraded to Ember.js 1.0.0-RC.6.1
- Upgraded to Ember Data 0.13-78-g9602df4
- Downgraded to Handlebars to ensure compatibility until release

3.3.2 0.3.0 (2013-06-07)

- Added template tag helpers `linkTo` and `ember` (thanks to Paulo Scardine)
- Upgraded to Ember.js 1.0.0-RC.5
- Upgraded to Ember Data 0.13
- Upgraded to latest Ember Data Tastypie Adapter (9db4b9a)
- Upgraded to Handlebars 1.0.0
- Python 2.6 support

3.3.3 0.2.0 (2013-05-09)

- Depends on and extend `django.js`
- Upgraded to Handlebars 1.0.0.rc.3
- Upgraded to Ember.js 1.0.0-RC.3-279-g41b62d7
- Upgraded to latest Ember Data git version (e33b544)
- Make jquery optionnal for `{% ember_full_js %}` and `{% emberpie_js %}`
- Support query string in `TastypieAdapater` (thanks to Peter Sutton/dj-foxy)
- Provide both minified and unminified versions (triggered by `settings.DEBUG`)
- Python 3 compatible
- Django 1.5 compatible

3.3.4 0.1 (2012-08-06)

- Initial release

INDICES AND TABLES

- *genindex*
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PYTHON MODULE INDEX

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