
django-i18nurl Documentation

Release 0.2dev

Novapost

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Contents

Django i18n url lets you manage your multilingual url using Django. You can change the language and stay on the same page.

- Authors: Rémy Hubscher and [contributors](#)
- Licence: BSD
- Compatibility: Django 1.5+, python2.7 up to python3.3
- Project URL: <https://github.com/novagile/django-i18nurl>

Getting Started

Install django-i18nurl:

```
pip install django-i18nurl
```

Add it to your `INSTALLED_APPS` settings:

```
INSTALLED_APPS = (  
    '...',  
    'i18nurl',  
)
```

Using it

2.1 Python

Use it in Python code:

```
from i18nurl import reverse_i18n

url_de = reverse_i18n('app:home', 'de')
```

2.2 Django template

Use it as a templatetag:

```
{% load i18nurl %}
{% i18nurl 'app:home' 'de' %}
```

Get the current page in other languages:

```
{% load i18nurl %}
{% current_i18nurl 'de' %}
```

Note: to use `current_i18nurl` template tag you will need the request context processors:

```
TEMPLATE_CONTEXT_PROCESSORS = (
    "...",
    "django.core.context_processors.request",
    "...",
)
```

2.2.1 Contents

Demo project

The `demo/` folder holds a demo project to illustrate `django-i18nurl` usage.

Browse demo code online

See [demo folder](#) in project's repository ¹.

Deploy the demo

System requirements:

- [Python](#) ² version 2.7 or 3.3, available as `python` command.

Note: You may use [virtualenv](#) ³ to make sure the active `python` is the right one.

- `make` and `wget` to use the provided `Makefile`.

Execute:

```
git clone git@github.com:novagile/django-i18nurl.git
cd django-i18nurl/
make demo
```

It installs and runs the demo server on localhost, port 8000. So have a look at <http://localhost:8000/>

Note: If you cannot execute the `Makefile`, read it and adapt the few commands it contains to your needs.

Browse and use `demo/demoproject/` as a sandbox.

References

About django-i18nurl

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¹ <https://github.com/novagile/django-i18nurl/tree/master/demo/demoproject/>

² <http://python.org>

³ <http://virtualenv.org>

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Authors and contributors

- Rémy Hubscher <remy.hubscher@novapost.fr>, <hubscher.remy@gmail.com>

Changelog

0.2 (unreleased)

0.1 (2013-06-12)

- Add some tests, views, context_processors and middleware.
- Implementing the API + Adding a demo.

Contributing to the project

This document provides guidelines for people who want to contribute to the project.

Create tickets

Please use the [bugtracker](#) ⁴ **before** starting some work:

- check if the bug or feature request has already been filed. It may have been answered too!
- else create a new ticket.
- if you plan to contribute, tell us, so that we are given an opportunity to give feedback as soon as possible.
- Then, in your commit messages, reference the ticket with some `refs #TICKET-ID` syntax.

Fork and branch

- Work in forks and branches.
- Prefix your branch with the ticket ID corresponding to the issue. As an example, if you are working on ticket #23 which is about contribute documentation, name your branch like `23-contribute-doc`.
- If you work in a development branch and want to refresh it with changes from master, please [rebase](#) ⁵ or [merge-based rebase](#) ⁶, i.e. don't merge master.

⁴ <https://github.com/novapost/django-i18nurl/issues>

⁵ <http://git-scm.com/book/en/Git-Branching-Rebasing>

⁶ <http://tech.novapost.fr/psycho-rebasing-en.html>

Setup a development environment

System requirements:

- [Python](#)⁷ version 2.7, available as `python` command.

Note: You may use [Virtualenv](#)⁸ to make sure the active `python` is the right one.

- `make` and `wget` to use the provided `Makefile`.

Execute:

```
git clone git@github.com:novapost/django-i18nurl.git
cd django-i18nurl/
make develop
```

If you cannot execute the `Makefile`, read it and adapt the few commands it contains to your needs.

The Makefile

A `Makefile` is provided to ease development. Use it to:

- setup the development environment: `make develop`
- update it, as an example, after a pull: `make update`
- run tests: `make test`
- build documentation: `make documentation`

The `Makefile` is intended to be a live reference for the development environment.

Documentation

Follow [style guide for Sphinx-based documentations](#)⁹ when editing the documentation.

Test and build

Use the `Makefile`.

Demo project included

The *Demo project* is part of the tests. Maintain it along with code and documentation.

References

⁷ <http://python.org>

⁸ <http://virtualenv.org>

⁹ <http://documentation-style-guide-sphinx.readthedocs.org/>