
django-yourlabs Documentation

Release 0.0.0

James Pic

September 14, 2013

CONTENTS

django-yourlabs is composed of a project template and a helper command which does what I usually do manually.

It is aimed at users who already know django and linux very well or want to learn it. Also, it helps you provide documentation and vagrant stuff for your collaborators who might know nothing of linux and django (the designer/CSS integrator working on Windows ?).

Get started right away on your linux box:

```
virtualenv your_project_env source your_project_env/bin/activate pip install -e
git+https://github.com/jpic/django-yourlabs.git#egg=yourlabs yl startproject your_project
```

Your project is now runnable and ready to hack on and vagrant-ready (ready to be hacked on using broken OSes).

PROJECT TEMPLATE

The project template has:

- Vagrant,
- lessCSS & bootstrap, allows to code in lessCSS using bootstrap API in less
- jQuery, coffeescript,
- relevant settings which work out of the box, organised in accordance with best practices
- internationalization out of the box,
- my favorite apps out of the box: - django-responsive-admin, - sphinx for project and app documentation, - django-debug-toolbar with plugins, - django-extensions, - ipdb, - django-easy-thumbnails, - django-haystack with whoosh, - django-reversion, - django-modeltranslation, - south, - django-compressor (support for less and coffee), - django-autocomplete-light,

YOURLABS PACKAGE

As a python package, it provides a command *yl* which barely decorates *django-admin.py startproject* to add the *-template* argument automatically.

As a django app, it provides the following commands:

- *yl_jquery* will download the latest jquery.js in *STATIC_ROOT/jquery/jquery-X.Y.Z.js* and symlink it to *STATIC_ROOT/jquery/jquery.js*,
- *yl_commands* *<app>* *<command-name>* will create *app/management/commands/<command-name>.py*,
- *yl_urls* *<app>* adds *app/urls.py*,
- *yl_views* *<app>* parses *app/urls.py* and creates *app/views.py*,
- *yl_templates* *<app>* adds *app/templates/app/base.html*, which all templates in *app/templates/app/* should extend (best practice). Also, it parses *app/urls.py* and *app/views.py* to find template names to create if necessary.
- *yl_locale* *<app>* *<language-code>* will prepare/update *app/locale/<language-code>/LC_MESSAGES/django.po* for translation.
- *yl_haystack* *<app>* will parse *app/models.py* and create *app/search_indexes.py*,
- *yl_autocomplete_light* *<app>* will parse *app/models.py* and create *app/autocomplete_light_registry.py*,

Except for *startproject*, all commands must be run from project root.

As an app, it provides:

- *yourlabs.context_processors.expose_settings* which would add *{{ settings.DEBUG }}* for example if *settings.EXPOSE_SETTINGS=['DEBUG']*,

Contents:

INDICES AND TABLES

- *genindex*
- *modindex*
- *search*