jmbo-skeleton Documentation

Release 2.0.0

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Contents

Jmbo Skeleton generates skeleton code for the development of a Jmbo based project.

This documentation covers version 2.0.0 of |jmbo-skeleton|.

Note: |jmbo-skeleton| 2.0.0 requires Django 1.6. More on *Versions and Compatibility*.

Quickstart

A demo application is provided for Ubuntu 14.04 systems. The script installs required libraries and may prompt you for your password. From the command line do:

```
./demo.sh
```

Bootstrap a Jmbo project. The script prompts you for options. From the command line do:

```
./scripts/create-jmbo-project.sh
```

Skeleton structure

2.1 Skeleton structure

The skeleton contains a number of directories and files.

2.1.1 productname

Directory containing Django `models.py`, migrations, fixtures, static files and tests.

2.1.2 conf

Directory containing templates for generating working Nginx and Supervisor configuration files.

2.1.3 fed

Directory where front end developers can safely prototype static pages. Django itself prefers the top level directory and this approach prevents collisions.

2.1.4 project

Directory containing various settings files and `urls.py` for the project.

2.1.5 scripts

Directory containing reference bash scripts to setup an Ubuntu 14.04 server and to deploy a production quality Jmbo project.

2.1.6 config.yaml

Settings used to generate files from the templates in the conf directory.

2.1.7 deviceproxy_site.yaml

Configuration to be used by https://pypi.python.org/pypi/device-proxy. Required when a site serves mobile and desktop devices on different subdomains.

2.1.8 handler.py

Module containing logic to distunguish between basic, smart and web devices using information supplied by device-proxy.

2.1.9 requirements.txt

Versions of products required for the project.

2.1.10 setup-development.sh

Script to setup a development environment.

2.1.11 test_settings.py

Django settings for use in unit tests.

2.1.12 wsgi.py

Script to run the site as a WSGI server.

Help

3.1 Changelog

3.1.1 next

1. Deprecate buildout in favour of pip.
2. Move settings into a projects directory to avoid clutter.
3. Minimum supported version of *jmbo-foundry* is now 2.0.

3.1.2 0.9

1. Deprecate haproxy since a load balancer at another point in the chain does a better job.

3.1.3 0.8

1. *setup-server.sh* gets optional arguments for a leaner install.
2. *deploy-project.sh* does not lead to downtime anymore.
3. Haproxy config does not need both basic and smart backends for mobi anymore.
4. Remove media-links from configs. It is redundant.
5. Use gunicorn in way advised by Django.
6. Install *device-proxy* through pip from pypi.
7. Admin runs on its own instance. This enables us to set longer timeouts to handle the more expensive queries.
8. Mobile browsers are automatically directed to mobi now. They have the option of requesting the desktop site.

3.1.4 0.7.1

1. Bump *jmbo-foundry* to 1.1.10.
2. Bump *jmbo-downloads* to 0.0.5.
3. Fix bug in *deploy-script.sh*.

3.1.5 0.7

1. Up *jmbo-foundry* to 1.1.9.

2. Media directories are now prefixed with the app name. This allows multiple Jmbo projects to live on the same server.

3. Simplify *create-jmbo-project.sh* by removing an option.

4. Force buildout 1.7.0 since version 2 has backward incompatible changes.

3.1.6 0.6

1. *device-proxy* and haproxy is now part of our setup. This enables user-agent to backend mapping.

2. Buildouts massively refactored. Everything can be regenerated using *create-project.sh*. *STATIC_URL* changes for basic and smart layers.

3.1.7 0.5.2

1. *south* lowercase pin added.

2. *deploy-project.sh* now creates necessary cron entries.

3. Sentry is now part of our setup.

3.1.8 0.5.1

1. *setup-development.sh* makes getting a development environment running easy.

3.1.9 0.5

1. Demo now uses location aware SQLite database.

2. versions.cfg is updated from this version onwards.

3. Up jmbo-foundry to 1.0, and jmbo to 1.0 since we now use a location aware database by default.

3.1.10 0.4.4

1. Up jmbo-foundry to 0.7.2.

2. There are now four sites since page layouts may differ between eg. basic and smart.

3.1.11 0.4.3

1. Up django-setuptest to 0.1.2.

2. Up jmbo-foundry to 0.7.1.

3. Copy .gitignore when creating a new project.

3.1.12 0.4.1

1. Webdav access now enabled. It is useful for changing CSS on QA sites on the fly.
2. Webdav requires we backup static resources on each deploy. Added to deploy_project.sh.
3. Removed Praekelt assumption from deploy script.
4. Up required jmbo-foundry to 0.6.3. Django 1.4 is now implicitly required.
5. Up djangorecipe to 1.2.1 and handle case where Django name is suddenly case-sensitive when pinning.

3.1.13 0.4

1. Up minimum jmbo-foundry to 0.5.
2. Create a trivial south migration so order of migrations is correct.

3.1.14 0.3.2

1. Dev buildout now uses git instead of https.

3.1.15 0.3.1

1. Remove flup since it is currently broken.
2. Create different sites for mobi and web.

3.1.16 0.3

1. Templates for mid and smart layers.
2. Server setup bug fixes.

3.1.17 0.2.4

1. Fix manifest and up minimum jmbo-foundry to 0.4.

3.1.18 0.2.2

1. Fix typos.

3.1.19 0.2.1

1. Change egg name to jmbo-skeleton.

3.1.20 0.1

1. Initial release

Code

https://github.com/praekelt/jmbo-skeleton

Versions and Compatibility

- Jmbo Skeleton 2.x: Compatible with Jmbo 2.x and Django 1.6