Mobius Skeleton Documentation

Release 0.1

Praekelt

Contents

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

This documentation covers version 0.1 of **|mobius-skeleton|**.

Note: **|mobius-skeleton|** 0.1 requires Django 1.10+. More on *Versions and Compatibility*.

CHAPTER 1

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 Mobius project. The script prompts you for options. From the command line do:

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

Skeleton structure

Skeleton structure

The skeleton contains a number of directories and files.

productname

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

conf

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

fed

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

project

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

scripts

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

config.yaml

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

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.

handler.py

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

requirements.txt

Versions of products required for the project.

setup-development.sh

Script to setup a development environment.

test_settings.py

Django settings for use in unit tests.

wsgi.py

Script to run the site as a WSGI server.

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1. First release.

Code

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

Versions and Compatibility

- Mobius Skeleton 2.x: Compatible with Jmbo 3.x and Django 1.10+