django-multimedia Documentation

Release 0.2.0

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Contents

Encode multimedia from the Django admin interface. Supports any encoding profile you can write a command line statement to accomplish.

The source code can be found at github.com/jbittel/django-multimedia.

Contents

1.1 Installation

1.1.1 Installing

Installing the latest release is easiest with `pip`:

```
$ pip install django-multimedia
```

This will also install all appropriate dependencies.

1.1.2 Configuring

The first step is to add both `django-storages` and `django-multimedia` to your project's `INSTALLED_APPS`:

```
INSTALLED_APPS = (
    # ...existing apps...
    'storage',
    'multimedia',
)
```

Once these apps are added, update your database:

```
$ ./manage.py syncdb
$ ./manage.py migrate multimedia
```

You also need to configure an appropriate storage backend for uploading encoded media. The setting `MULTIMEDIA_FILE_STORAGE` should be set to a dotted path specifying the selected backend. For example, for uploading encoded media using SFTP:

```
MULTIMEDIA_FILE_STORAGE = 'storages.backends.sftpstorage.SFTPStorage'
```

Additionally, you will need to configure the selected backend. For more information, see the django-storages documentation.

1.1.3 Encoding Profiles

Encoding profiles need to be set up for encoding media. These profiles are created within the Django admin and require three things:

1. `Name`: a display name for the profile
2. `Container`: the filename extension for the output file
3. `Command`: the command line statement to accomplish the encoding

Each command needs to include both `%(input)s` and `%(output)s` placeholders for the input and output file-names, respectively. The commands may call any available command line statement to encode the media.

A set of encoding profiles using `ffmpeg` is provided as a starting point. They may be used as-is, or as an example of how to write your own. These profiles may be loaded into the database with:

```
$ manage.py loaddata encode-profiles
```

Note that this command will remove any previously created profiles.

1.2 Settings

`django.conf.settings.`**`MULTIMEDIA_FILE_STORAGE`**

Defines the django-storages backend that is used to upload encoded media. This is specified as a dotted path to the desired backend module. For example:

```
MULTIMEDIA_FILE_STORAGE = 'storages.backends.sftpstorage.SFTPStorage'
```

You will need to configure the selected backend according to its respective documentation.

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