## Introduction

The website for displaying 3D models has been written in python 2.7 using the [Django](https://www.djangoproject.com/) web framework and using [WebGL](http://www.khronos.org/webgl/) to display the 3D models. Django provides a consistent program structure and automates a lot of the boiler plate code, including database access and administrative pages.

## Program Structure

## Code Quality Analysis

* unit testing
* coverage
* pep8
* pylint

## Development Environment

* python
* pip
* virtualenvironment

## Deployment

On Ubuntu:

* install git – sudo apt-get install git
* install pip – sudo apt-get install python-pip
* install virtualenv – sudo pip install virtualenv
* create a directory for the website under the home directory – mkdir www
* cd into the directory
* clone the source – git clone <https://github.com/sfrischkorn/rockviewer.git>