Software used in this project

Web Frontend

- Webtest (by Ian Biking)
- Pyramid an excellent wsgi-based web framework with great documentation
 - Creating a Pyramid Project
 - Tutorial: Pyramid for Humans

Twitter Bootstrap

Simple and flexible HTML, CSS, and Javascript for popular user interface components and interactions.

• jQuery "Sticky" Plugin for a little eye candy

Integration with apache

- mod_wsgi
 - QuickInstallationGuide
 - QuickConfigurationGuide
 - Hello World
- WSGI Background Info
 - Wikipedia | Web Server Gateway Interface
 - PEP 333 -- Python Web Server Gateway Interface v1.0

Worker Daemon

- Biopython
- SAMtools
 - pysam
- Python Twisted

Quality Assurance

Testing

- Unit testing
 - nose is nicer testing for python

Documentation

- Sphinx Python Documentation Generator
 - PEP 257 | Docstring Conventions

Coding Style

- PEP 8 | Style Guide for Python Code
 - pep8 Python style guide checker
 - pep8 Vim filetype plugin for running PEP8 on Python files

Build System

- Building and Distributing Packages with setuptools
 - "distribute" The Current State of Packaging distribute = improved setuptools = improved improved distutils
 - Dive into Python 3 | Packaging Python Libraries

Versioning

- Semantic Versioning
 - ... quickly explained

youtube: Python eats Alligator 02, Time Lapse Speed x6

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