

butler Design

recipes

web

sources

commands

scripts

TODO: Include the fact that static files that aren't recipes are generated into source code so that everything is stand alone and compartmentalized.

butler's design is statically generating the web site from the plain text sources. This generation is done lazily and in such a way that side effects are avoided except when the recipes are loaded and when the site is finally written to the file system. This allows general transformations such as minification and gzipping to be performed when the site is generated. It also allows other files like sitemaps and scripts to be generated. Because of this, the site can simply be served by a static file server which includes gzip headers. These choices allow the site to exist as small as possible on the file system and be served very fast since all pages are generated ahead of time and contain mostly static content.

Additionally, since the server is detached from the generation of the site, the site can be regenerated without restarting the server. A minimal content can also be generated each time so that the site still works without JS.

TODO: Finish this.

The website will also be deployed in such a way that it will be updated in the production environment any time the master branch changes.

recipe

overview

Components

Testing

Requirements

Future Requirements

web

Components

Testing

Requirements

Future Requirements

source

Components

Testing

Requirements

Future Requirements

cmd/butler__web

Components

Testing

Requirements

Future Requirements

cmd/butler__server

Components

Testing

Requirements

Future Requirements

Scripts