

Creating A Pankyll Site

Christian Külker

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Contents

The easiest way to create a web site is to use an [example](#) repository to kick start the web site. See the [getting started](#) page for details. However, this document describes in more detail how to kick start a [Pankyll](#) web site from scratch. For this to work it is assumed that [Pankyll](#) is installed. Choose a site name, for example '**mysite**'. We assume you use the [Rankle theme](#).

```
mkdir mysite
cd mysite
git init
mkdir -p content/en_US static themes
```

```
# add the Pandoc filters
export URL=https://github.com/ckuelker/pankyl1-pandoc
git submodule add -b master $URL pandoc
git submodule init
```

```
# add the theme
export URL=https://github.com/ckuelker/pankyl1-theme-rankle
git submodule add -b master $URL themes/pankyl1-theme-rankle
git submodule init
```

```
# update the submodules of the submodules
git submodule update --remote
git submodule update --init --recursive
```

Copy over the `log.yaml` from one of the theme example repositories.

```
export HOST=raw.githubusercontent.com
wget https://$HOST/ckuelker/pankyl1-theme-rankle-example/master/log.yaml
```

To kick start the configuration copy over the `cfg.yaml` and change it.

```
wget https://$HOST/ckuelker/pankyl-theme-rankle-example/master/cfg.yaml
```

Change the configuration to match you site. The following is somewhat a minimal example for the [Rankle](#) theme.

```
# 0: default values
default:
  page_type:      doc
  keyword_page_type: keyword
  index_list_type: list
  l10n_locale:    en_US  # Feature 2: Localization
  pdf_create:     True

# 1. Global site parameters
site:
  url:            /          # URL prefix - mandatory (trailing slash)
  title:          My Site    # string      - mandatory (fallback)
  content_dir:    content    # directory - mandatory
  public_dir:     public     # directory - mandatory
  themes_dir:     themes     # directory - mandatory
  theme_name:     pankyl-theme-rankle # directory - mandatory

# 2. Feature: Internationalization
locales:
  en_US: English

# 4. Feature: Home
home:
  en_US:
    text: Pankyll # home_text
    url:  en_US   # home_url

# 5. Feature: Navigation
navigation:
  en_US:
    - link:
      text: Documentation
      url:  en_US/

# 6. Feature: Table Of Contents
toc:
  en_US:
```

```
    text: Table Of Contents # alternative: Contents

# 7. Feature: Keywords
keywords:
  - categories
  - tags

categories:
  en_US:
    text: Categories
    url: en_US/Categories/

tags:
  en_US:
    text: Tags
    url: en_US/Tags/

# 8. Feature: More-Menu (not used by newspaper theme)
more:
  en_US:
    - link:
        text: Categories
        url: en_US/Categories/
    - link:
        text: Tags
        url: en_US/Tags/

# 9. Feature: Site Description
description:
  en_US:
    text: My Site

# 10. Feature: Footer
footer_left:
  en_US:
    1:
      tip: Mailing List
      font: fa # font awesome solid
      icon: envelope
      url: https://example.org/mail
footer_middle:
  en_US:
```

```
1:
  tip: Pankyll
  font: fab
  icon: python
  url: https://github.com/ckuelker/pankyl1
footer_right:
  en_US:
    1:
      tip: Git Home # Rankle: tooltips
      font: fab
      icon: github
      url: https://github.com/ckuelker/pankyl1-theme-rankle-example
footer:
  en_US:
    - text: © 2020 by Me, All Rights Reserved
```

The first page should go into the content directory: `content/en_US/index.md`.
Make sure the highest heading level is 2 (aka 2 ##).

```
---
title: Welcome to My Site
type: title
keywords:
  - My Site
categories:
  - My Site
tags:
  - Welcome
description: My new site
---

Welcome to my new web site.

## Important Information
...
```

The `YAML` front matter is needed to define the default type of the page. In this case it is `type: title`. The rest is optional. To create the web site run the `pankyl1` command inside the project directory.

...
Command line starting Pankyll v0.1.0

Pankyll v0.1.0

| Objects | Count |
|--------------------------------|-------|
| ----- | ----- |
| Markdown source files total | 1 |
| Markdown source files existing | 1 |
| Markdown source files new | 0 |
| Markdown files total | 3 |
| Markdown files existing | 3 |
| Markdown files new | 2 |
| Pandoc WARNINGS | 5 |
| PDF | 5 |
| PDF skipped | 0 |
| PDF processed | 0 |
| PDF excluded (index) | 5 |
| HTML | 5 |
| HTML processed | 5 |
| HTML skipped | 0 |
| Content git repositories | 0 |

The result inside the `public` directory should be copied to the web server. Usually the web server needs to be configured to server the file from the directory `en_US`. If you want to test it locally you should copy in an [HTML](#) file that redirects to the default language root. You can use the following command to fire up a local development web server.

```
export HOST=raw.githubusercontent.com
export REPO=pankyl-theme-rankle-example
cd public
wget https://$HOST/ckuelker/$REPO/master/static/index.html
python3 -m http.server 8000
```