# VMware

## SOW42 – Open Source Template

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# Objective

This document is intended to act as a run-book for the VMware Open Source Template engine that was built on top of [Jekyll](https://jekyllrb.com/). This document covers the “front matter” content areas that have been defined in the templates as well as some common tasks.

# Reference Documentation

It is best to read the Jekyll Source documentation as well as a couple of tutorials before reading further to familiarize with the core concepts of Jekyll as well as the basic folder structure.

* Official Docs: <https://jekyllrb.com/docs/>
  + Make sure to read section on themes: <https://jekyllrb.com/docs/themes/>
* Useful Tutorial on Jekyll: <https://www.smashingmagazine.com/2014/08/build-blog-jekyll-github-pages/>
* Useful Tutorial on Markdown: <https://daringfireball.net/projects/markdown/syntax>
* If hosting on Github refer to Github Pages documentation: https://pages.github.com/

# Dependencies

* Ruby: <https://www.ruby-lang.org/en/downloads/>
* The templates use the following libraries:
  + jQuery v3.2.1: <https://jquery.com/>
  + Bootstrap v4.1.3: <https://getbootstrap.com/>
  + Font Awesome v5.0.8: <https://fontawesome.com/start>

# Local Development

1. Install Jekyll and plug-ins in one fell swoop. gem install github-pages This mirrors the plug-ins used by GitHub Pages on your local machine including Jekyll, Sass, etc.
2. Clone down your fork git clone git@github.com:smalltalk-ai/vmware-jekyll.git
3. Serve the site and watch for markup/sass changes jekyll serve --livereload
4. View your website at <http://127.0.0.1:4000/>
5. Commit any changes and push everything to the master branch of your GitHub user repository. GitHub Pages will then rebuild and serve your website.

# Site Configuration Variables

Several site wide configuration variables are set in the standard Jekyll \_config.yml file. The variables set in this main configuration are part of global template elements such as the header and footer, changes to these variables will by default affect all pages.

## Primary Site Variables

These variables set meta data about the site such as author, site title, and product header logo.

title: Photon OS

email:

author: PHOTON OS Authors

description:

url:

logo: photon-logo.png

## Footer Variables

These variables set the content zone and call to action button within the global footer.

footer:

title: Getting Started

content: To help you get started, see the documentation. For additional information and resources, see the Photon OS wiki.

cta\_title: Photon OS 1.0 and 2.0 Documentation

cta\_url: http://www.example.com

cta\_text: Download

## Footer Social Link Variables

These variables set the social links listed in the footer as well as the Font Awesome icon to use for each link.

footer\_social\_links:

Facebook:

fa\_icon: fab fa-facebook

url: http://www.facebook.com

Slack:

fa\_icon: fab fa-slack

url: http://www.slack.com

User Group:

fa\_icon: fas fa-users

url: https://communities.vmware.com

Twitter:

fa\_icon: fab fa-twitter

url: http://www.twitter.com

RSS:

fa\_icon: fa fa-rss

url: feed.xml

# Homepage Front Matter Variables

To enable easy editing of content on the homepage without worrying about HTML styling, several content zones have been defined as front matter variables. If you are comfortable editing the raw HTML you can choose to not use these variables.

## Hero Area

The hero area is the first content area, the configurable content includes the primary headline, content, 2 call to action buttons, and the 3 promo boxes immediately below the CTA buttons

A screenshot of a social media post

Description automatically generated

hero:

headline: Project Photon OS container-optimized Linux operating system.

content: Project Photon OS is an open source minimal Linux container host optimized for cloud-native applications, cloud platforms, and VMware infrastructure. Photon OS 2.0 includes new security features, OS management capabilities, and updated packages.

cta\_link1:

text: View Fork Photon

url: http://www.example.com

cta\_link2:

text: Download Datasheet

url: http://www.example.com?link2

promo1:

icon: service-icon.png

url: http://www.example.com?box1

title: Optimized for VMware vSphere

content: The Linux kernel is tuned for performance when Photon OS runs on vSphere and is easy to manage, patch, and update.

promo2:

icon: container-icon.png

url: http://www.example.com?box2

title: Support for containers frameworks

content: Includes the Docker daemon and works with container frameworks, such as Mesos and Kubernetes.

promo3:

icon: security-icon.png

url: http://www.example.com?box3

title: Optimized for VMware vSphere

content: The kernel and other aspects of the operating system are built with an emphasis on security.

## Secondary Call to Action Area

This area provides two secondary call to action areas, each one has a clickable title and a brief content area.

A screenshot of a cell phone

Description automatically generated

secondary\_ctas:

cta1:

title: Photon OS 3.0 BETA is now available

url: http://www.example.com?cta1

content: Photon OS 3.0 includes ARM64 support (Raspberry pi 3), installer improvements and updated packages.

cta2:

title: Downloading Photon OS

url: http://www.example.com?cta2

content: For the complete catalog of binaries available for download, along with checksums and previous releases.

## Reference Content Area

The reference content area provides a bulleted list of links for reference content to the project.

A screenshot of a cell phone

Description automatically generated

reference:

title: Getting Photon OS

content: The latest stable binary version is 2.0, which builds on the expanded package library and guest OS validation on VMware platforms from the original 1.0 release. Photon OS comes in a variety of pre-built, cloud-ready images

links:

ISO: http://www.example.com

OVA: http://www.example.com

Amazon Machine Image: http://www.example.com

Google Compute Engine Image: http://www.example.com

Azure VHD: http://www.example.com

## Blog Highlights Area

The blog highlights area is a prewired dynamic template partial that is used throughout the site and utilizes the standard Jekyll “posts” object. The source partial file can be found at:

\_includes > blog-posts.html

## Contributors Area

The contributors area is a prewired dynamic Jekyll collection object. The collection is defined in the site \_config.yml. Each contributor is created by adding a markdown file in the \_contributors folder for each contributor.

A screenshot of a cell phone

Description automatically generated

---

first\_name: John

last\_name: Doe

image: https://via.placeholder.com/80x80.png?text=JD1

---

John is a great developer

# Blog Posts

Blog posts follow standard Jekyll documentation. Each blog post is a unique markdown file within the \_posts folder. The standard naming convention for the markdown file is date-blog title.md with the date in YYYY-mm-dd format. As an example

##### 2018-11-29-This-is-a-test-post.md

Per standard Jekyll blog posts each post can also have front matter overrides. Some standard ones defined and used in the site are title (in case you need to override title picked up from the filename), thumbnail image path, author meta data, and blog post categories.

title: A Fourth Post

image: /img/posts/sample.png

excerpt\_separator: <!--more-->

author\_name: First Name Last Name

author\_url: https://www.google.com

author\_avatar: http://placehold.it/64x64

categories: [kubernetes, test]