DOCS OR IT DIDN'T HAPPEN!



Mikey Ariel

@ThatDocsLady @WriteTheDocs PyCon SK, March 2018



Why are we here?

- We want to have more users and contributors
- We believe (or want to believe) that docs can help
- <something> is stopping us from working on docs

We are *not* here to argue whether documentation is important (or to argue about anything, really). Please leave your flamewars at the door, documentation is communication so let's remember how to do that.

This talk will run the full 30 minutes, with no on-stage questions. Personal interaction is recommended (talk to me afterwards!), or you can email, Slack, or tweet @ThatDocsLady with your questions any time.



Who is **That Docs Lady**?



















WHAT'S ON THE MENU TODAY?



Content Strategy

Plan a little, save a lot



Content Strategy

Plan a little, save a lot

DevOps for Docs

Not just for developers anymore



Content Strategy

Plan a little, save a lot

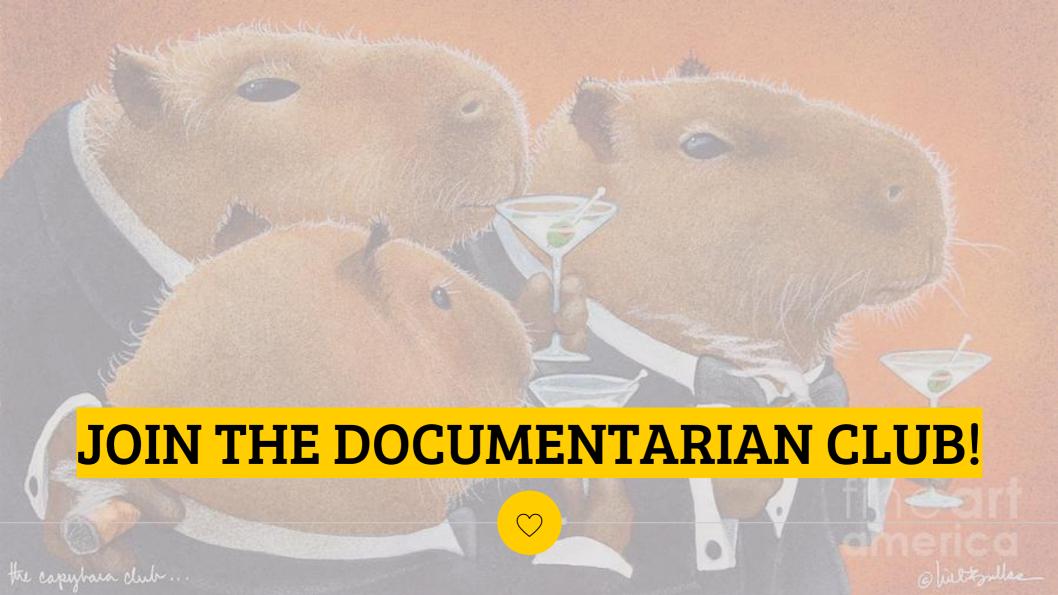
DevOps for Docs

Not just for developers anymore

Community Spirit

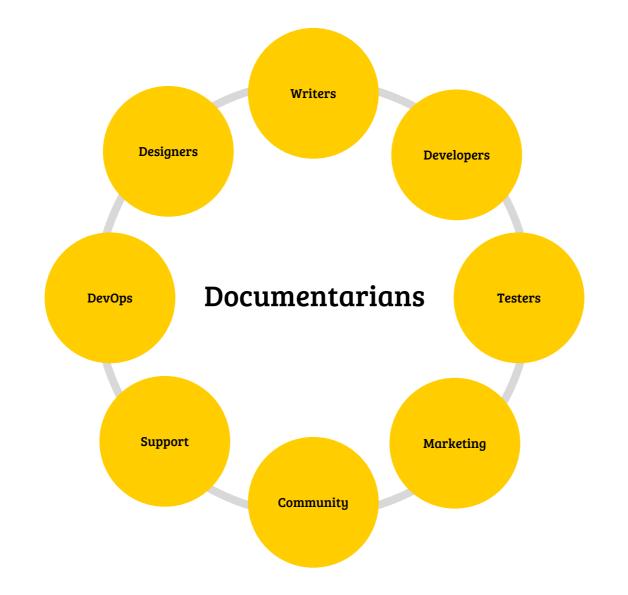
We're all in this together





"A documentarian is someone who cares about documentation and communication in the software industry, regardless of job title."

http://www.writethedocs.org/documentarians/



1

CONTENT STRATEGY

Asking the right questions in advance can save a lot of time later



NEED-TO-KNOW DOCS

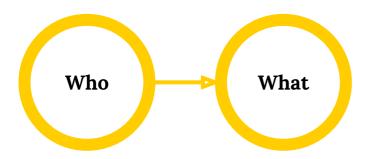
(and no, you don't need to know everything)



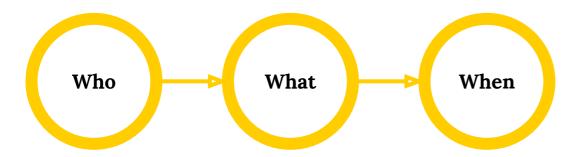




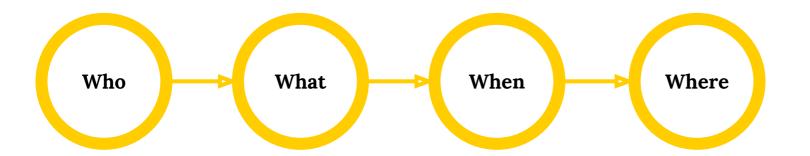




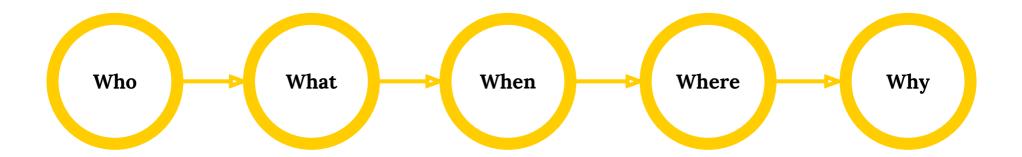












EXAMPLES

(because screenshots are awesome)



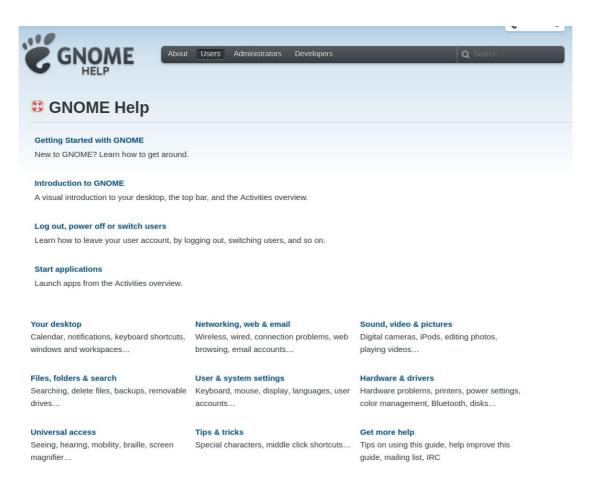
Administrators

Across the world, there are many large to small deployments of GNOME, with their specific needs, and system administrators to manage them. Here you will find information on tools and methods to work with many GNOME desktops.

Developers

For those who develop, or are interested in developing GNOME and applications for GNOME. You will find developer documentation and information on how to get involved, and much more, in the GNOME Developer Center.





help.gnome.org



GNOME Help



Manuals

GNOME Display Manager Reference Manual

GDM is the GNOME Display Manager, a graphical login program.

Previous Versions

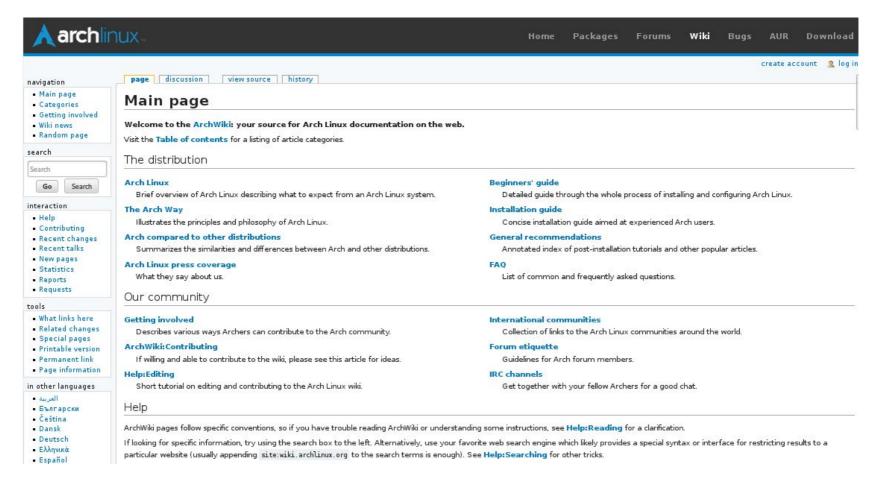




help.gnome.org

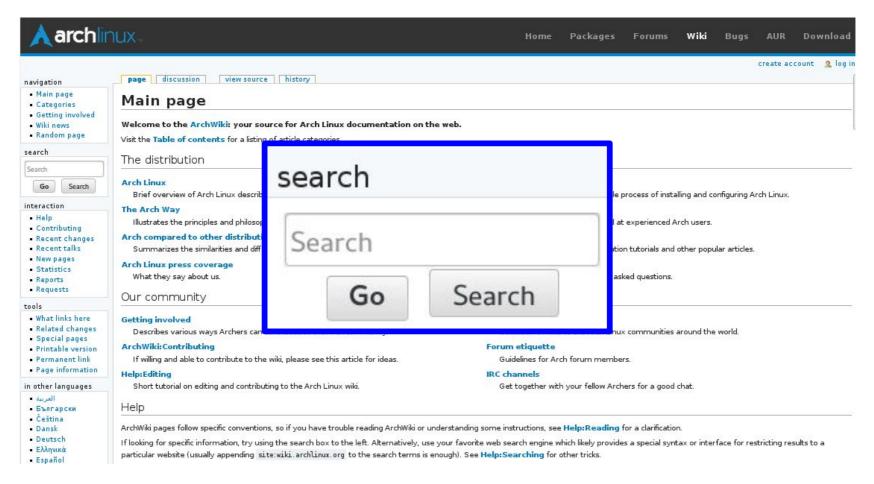


Arch Linux Wiki





Arch Linux Wiki





Minishift README

Minishift

Welcome to Minishift!

Getting started

Documentation Community

Welcome to Minishift!

Minishift is a tool that helps you run OpenShift locally by running a single-node OpenShift cluster inside a VM. You can try out OpenShift or develop with it, day-to-day, on your local host.

Minishift uses libmachine for provisioning VMs, and OpenShift Origin for running the cluster.



Getting started

To download the latest binary and review release notes, see the Minishift releases page.

Minishift requires a hypervisor to start the virtual machine on which the OpenShift cluster is provisioned. Make sure that the hypervisor of your choice is installed and enabled on your system before you start Minishift.

For detailed installation instructions for Minishift and the required dependencies, see the Getting started documentation.

Documentation

Minishift documentation is published as a part of the OpenShift Origin documentation library. Check out the latest official Minishift documentation for information about getting started, using, and contributing to Minishift:

- · Getting started with Minishift
- Using Minishift
- · Contributing to Minishift
- Command Reference

In addition, you can review the release notes and project roadmap here on GitHub:

- Release Notes
- Roadmap

Community

Minishift is an open-source project dedicated to developing and supporting Minishift. The code base is forked from the Minikube project.

Contributions, questions, and comments are all welcomed and encouraged!

You can reach the Minishift community by:

- · Signing up to our mailing list
- Joining the #minishift channel on Freenode IRC

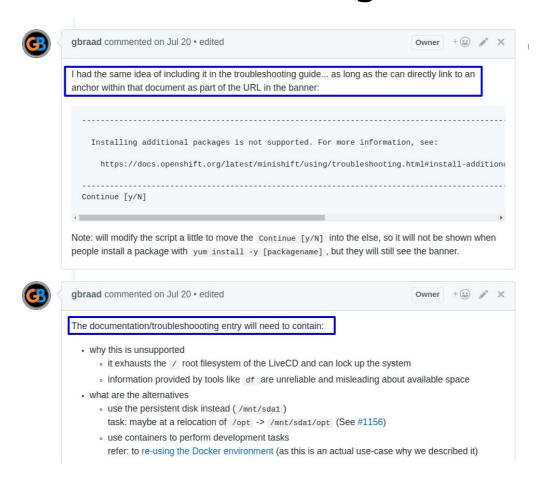
For information about contributing, building, and releasing Minishift, as well as guidelines for writing documentation, see the Contributing to Minishift topics.

If you want to contribute, make sure to follow the contribution guidelines when you open issues or submit pull requests.

github.com/minishift/minishift



Minishift Troubleshooting



github.com/minishift/minishift/issues/1152



Minishift Troubleshooting

```
#!/bin/sh
function hr() {
  printf '%*s\n' "${COLUMNS:-$(tput cols)}" '' | tr ' ' -
function banner() {
 hr
 echo -e "Installing additional packages on the root
filesystem might exceed the allocated overlay size and
lock the Minishift VM. Proceed with the installation at
your own risk."
 echo -e "For more information, see
https://docs.openshift.org/latest/minishift/using/troubles
hooting.html#root-filesystem-exceeds-overlay-size"
  hr
banner
if echo "$@" | grep -iq " -y" ; then
  answer="v"
else
  echo "Are you sure you want to continue? [y/N]"
  read answer
if echo "$answer" | grep -iq "^y" ; then
    yum-unsupported $@
fi
```

github.com/minishift/minishift-centos-iso/pull/119



Minishift Troubleshooting

The root filesystem of the Minishift VM exceeds overlay size

Installing additional packages or copying large files to the root filesystem of the Minishift VM might exceed the allocated overlay size and lock the Minishift VM.

Cause: The Minishift VM root filesystem contains core packages that are configured to optimize running the Minishift VM and containers. The available storage on the root filesystem is determined by the overlay size, which is smaller than the total available storage.

Workaround: Avoid installing packages or storing large files in the root filesystem of the Minishift VM. Instead, you can create a sub-directory in the *mnt/sda1/* persistent storage volume or define and mount host folders that can share storage space between the host and the Minishift VM.

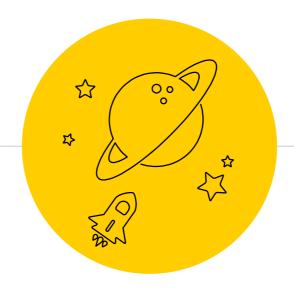
If you want to perform development tasks inside the Minishift VM, it is recommended that you use containers, which are stored in persistent storage volumes, and reuse the Minishift Docker daemon.

docs.openshift.org/latest/minishift/troubleshooting/troubleshooting-misc

2

DEVOPS FOR DOCS

Let's geek out about processes, tools, and workflows, oh my!



INTEGRATION

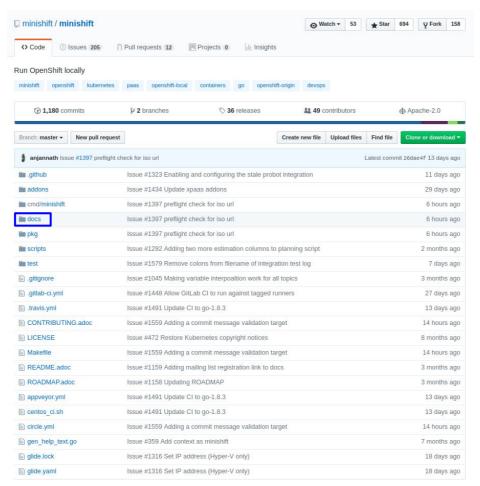
(if you can't beat them, join them)

UNIFIED TOOLING

If it ain't baroque, don't fix it!



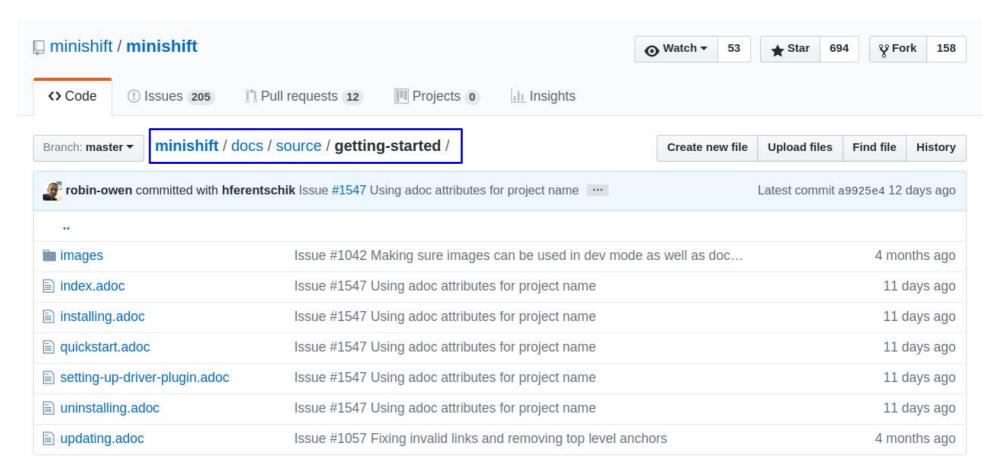




github.com/minishift/minishift



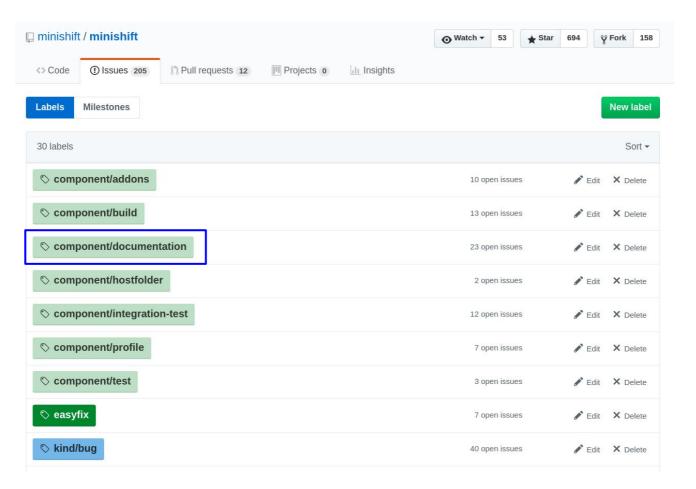
Modular Source Content



github.com/minishift/minishift



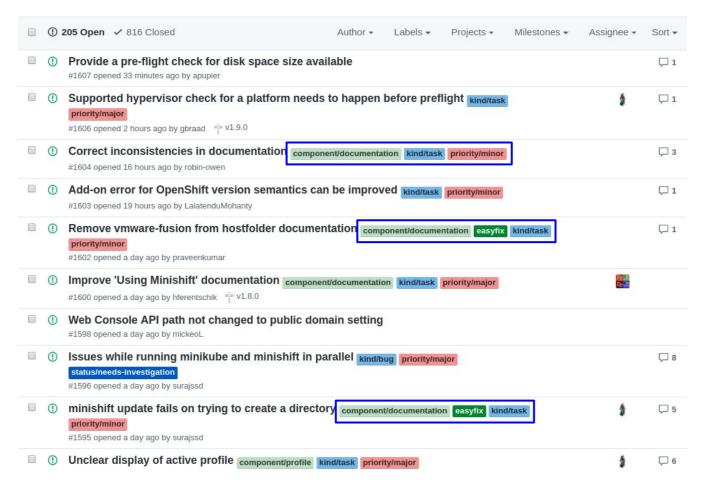
Issue Tracking



github.com/minishift/minishift



Issue Tracking



github.com/minishift/minishift

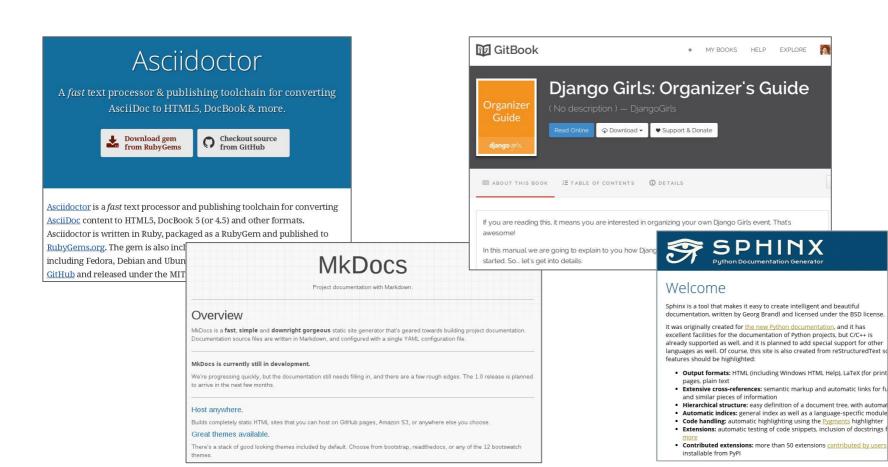
CONTINUOUS PUBLICATION

No need to stop the press anymore!



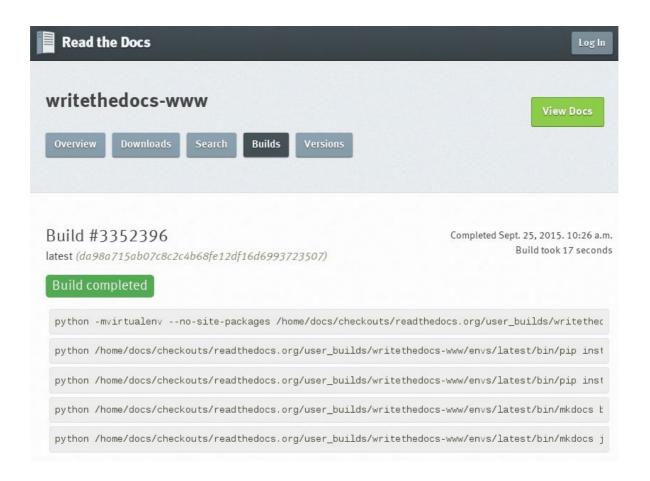


Publication Tools





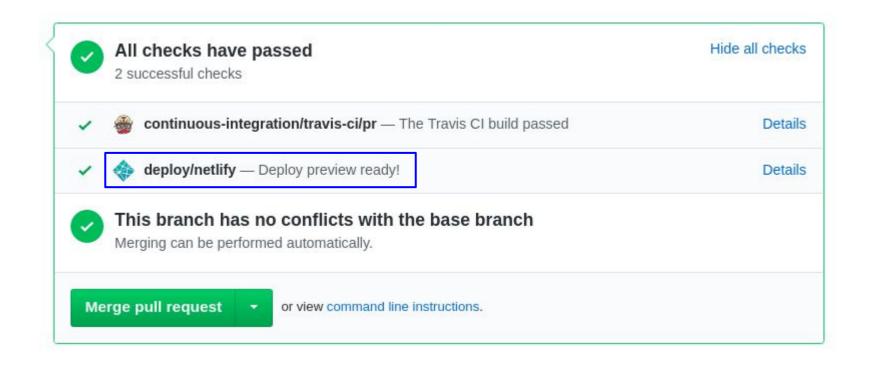
Continuous Deployment



readthedocs.org/projects/writethedocs-www/builds



Live-Preview Staging



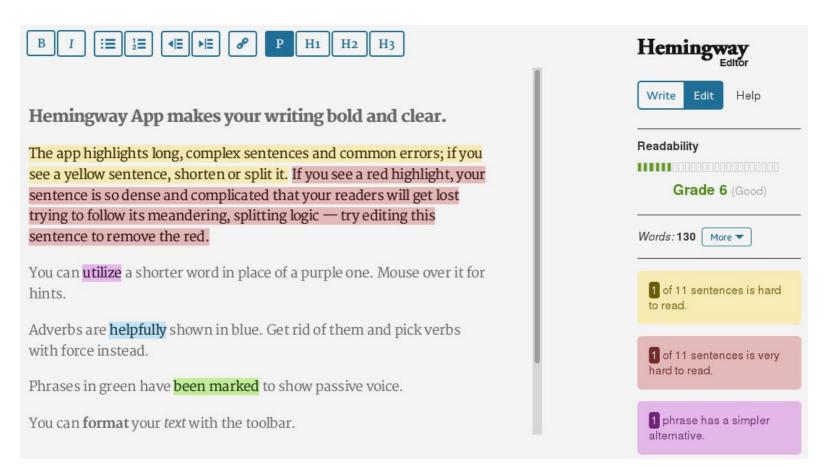
TESTING AUTOMATION

More than a just a spell-checker!



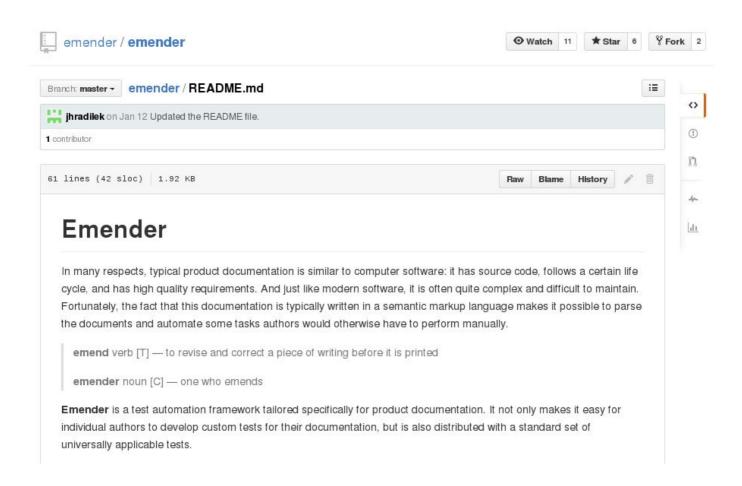


Linguistic Validation





Test Automation Framework



github.com/emender/emender

COMMUNITY SPIRIT

Let's help our contributors help us and help each other

Docs or it didn't happen!

- Me, at the beginning of this presentation





Documentation as a Deliverable

Django Project

 If the code associated with a patch adds a new feature, or modifies behavior of an existing feature, the patch should also contain documentation.

Linux Kernel

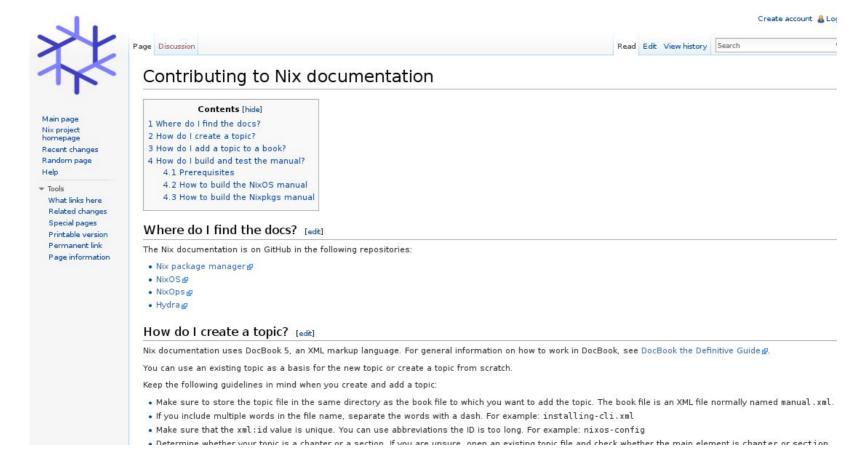
11: Include kernel-doc to document global kernel APIs. (Not required for static functions, but OK there also.) Use 'make htmldocs' or 'make mandocs' to check the kernel-doc and fix any issues.

OpenStack

For example, if there is a patch submitted which a reviewer cannot fully understand because there are changes that aren't documented in the commit message or code documentation, this is a good time to issue a negative score. Patches need to be clear in their commit message and documentation.



Contribution Guidelines



TEMPLATE

A simple template for you to start with, for your README. Name the file README.md if you want to use markdown, or README.rst if you want to use reStructuredText. More information about these can be found in the sidebar on markup.

```
$project
_____
$project will solve your problem of where to start with documen
by providing a basic explanation of how to do it easily.
Look how easy it is to use:
   import project
   # Get your stuff done
   project.do stuff()
Features
......
- Be awesome
- Make things faster
Installation
------
Install $project by running:
   install project
Contribute
- Issue Tracker: github.com/%project/%project/issues
```



The Documentarian community is growing!



Dedicated Conferences



Conference

Open Help Conference & Sprints

We hold an annual conference that focuses on documentation and support in open source and open communities. The Open Help Conference features open, attendee-led discussion that allows us to hear from a wide range of people working in different projects. With volunteer contributors and tech comm professionals from major open source projects, this is the must-attend event for anybody who cares about community-based help.

Sprints

Following the annual conference, we host multiple teams for three days of documentation sprints. Every team runs its own sprint, but we all come together to share thoughts and socialize.

YouTube

Watch vidoes from previous conferences on our YouTube channel.

Planet

Stay connected. Planet Open Help features the blogs of people who work on open source documentation. Do you blog about open source and tech comm? Join the planet.

Style Guide

We're creating a documentation style guide, built by an open community, released under an open license, and designed to be remixed. Sound interesting? Email us at info@openhelp.cc.



Write the Docs is a series of conferences and local meetups focused on all things related to software documentation.

Useful Pages

Conferences

Meetups Slack

Newsletter

Podcast

Conference Videos

Team

Blog Posts

Documentation Guide

Organizer Guide

Origin Story

Join our mailing list

Email Address *

What types of updates would you like?

Monthly Community
Newsletter

Welcome to the Write the Docs Community

Write the Docs is a series of conferences and local meetups focused on all things related to software documentation.

We consider everyone who cares about communication, documentation, and their users to be a member of our community. This can be programmers, tech writers, developer advocates, customer support, marketers, and anyone else who wants people to have great experiences with software.

Our conferences create a time and a place for the global community of <u>Documentarians</u> to share information, discuss ideas, and work together to improve the **art and science of documentation**.

2018 Conferences

· Write the Docs Portland, May 6-8, Portland, Oregon

2017 Conferences

- · Write the Docs Portland, May 14-16, Portland, Oregon
- · Write the Docs Prague, September 10-12, Prague, Czech Republic

2017 One-Day Events

· Write the Docs Day Australia, November 24, Melbourne, Australia

2017 Community Conferences

Think your conference should go here? Email us conf@writethedocs.org.

Past Conferences

You can view a full list of our past conferences as well.

Join the Community



Doc Sprints and Hackfests



.@djangogirls rock the docs!!! #ep14 #djangogirls #writethedocs







Fellow #redhat writers take us thru
DevAssistant and Jenkins docs usage at
@devconf cz :-) #writethedocs #DevConfCZ





Fedoristas happily hacking away at the #fedora docs at #flocktofedora. Docs rock! #writethedocs #redhat



Documentation Help Desk on Sunday!

(I have stickers)



WELCOME TO THE CLUB!

