developers documentation

your secret weapon

Frédéric Harper

Principal Developer Advocate @ konstruct

fharper

CIVO NAVIGATE

Photo by Beatriz Pérez Moya on Unsplash

since we only have 25 minutes...


fred.dev/ama
Photo by NEOSiAM 2021

Your developers documentation is an integral part of your product: one cannot exist without the other.

– **Frédéric Harper**

yes, I'm quoting myself

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– **Frédéric Harper**

benefits


Photo by Pixabay from Pexels

Sarah™
@LadyBluenotes

Some documentation is so bad it almost puts me off wanting to use whatever it is I'm looking for.

But sometimes.... I can't just move on to another thing 🥲

1:56 PM · Feb 5, 2023

Photo by Moose Photos from Pexels

Brian P. Hogan
@bphogan

I am in the foulest of foul moods.

I have attempted to get local versions of three open source learning management systems running locally by following their docs, and they all failed.

Every single one.

Bad documentation wastes so much time.

5:43 PM · May 26, 2022

Photo by maitree rimthong from Pexels

content

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Photo by HAYDER ALABBA on Unsplash

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Version: 2.4

Overview

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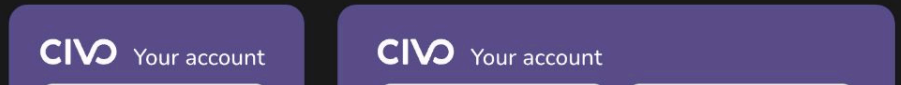
GitHub GitLab



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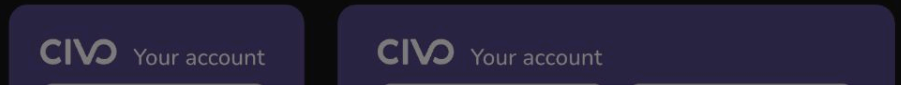

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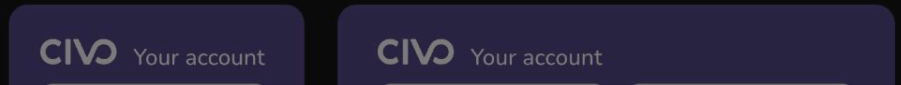

Install kubefirst From the CLI

Using the CLI to create your cluster directly without using the UI is a perfect alternative for automation. The end result will be the same, a new production-ready management Kubernetes cluster, but you won't have access to the useful additional features available within the UI.

Prerequisites

kubefirst

macOS & Linux (Homebrew) | Linux (manually) | Windows

If you are on macOS or Linux, and have Homebrew installed, you can run:

```
brew install kubefirst/tools/kubefirst
```

To upgrade an existing kubefirst CLI to the latest version run:

```
brew update
brew upgrade kubefirst
```

Docker Desktop

Install Docker Desktop.

> **INFO**
> If you are a Windows user, you need to be sure to enable Docker support in WSL2 distributions. More information in the Docker documentation.

Docker Resources Allocation

The more resources you give Docker, the faster your cluster creation will go, but here are the minimum requirements:

- CPU: 5 Cores
- Memory (RAM): 5 GB
- Swap: 1 GB
- Virtual Disk limit (for Docker images & containers): 10 GB

If you pull multiple images from Docker Hub, you may reach the rate limit: to help this issue not happening, we suggest you log in to your account (you can create a free one) in Docker Desktop. At the time of writing this docs, the limit is doubled when signed in.

Civo Prerequisites

For kubefirst to be able to provision your Civo cloud resources:

- A Civo account in which you are an account owner.
- A publicly routable DNS.
- A Civo token.

> **INFO**
> kubefirst is keeping low the resources needed to create your Kubernetes cluster, but if you are already using Civo, note that you may have exceeding quota issues during the creation process.
>
> Civo has a quota based on a combined allocation of instances/Kubernetes nodes, CPUs, RAM usage, and other resources. All customers start with a basic quota level, but you can request quota increase.

GitHub | GitLab

GitHub Prerequisites

- A GitHub organisation.
- A GitHub personal access token for your `kbot` account.

Create your new kubefirst cluster

Adjust the following command with your GitHub and Civo tokens in addition to the appropriate values for your new platform.

```
export GITHUB_TOKEN=ghp_xxxxxxxxxxxxxxx
export CIVO_TOKEN=xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

kubefirst civo create \
  --alerts-email yourdistro@your-company.io \
  --github-org your-github-org \
  --domain-name your-domain.io \
  --cluster-name kubefirst
```

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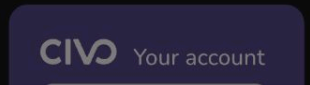

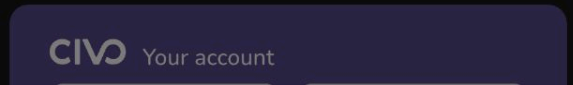

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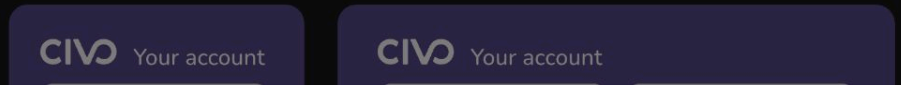

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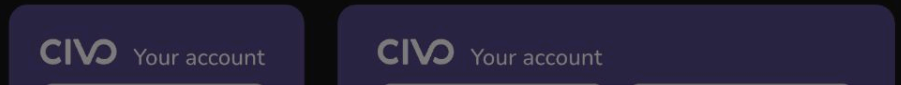

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GitHub GitLab

CIVO Your account

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Photo by Ben White on Unsplash

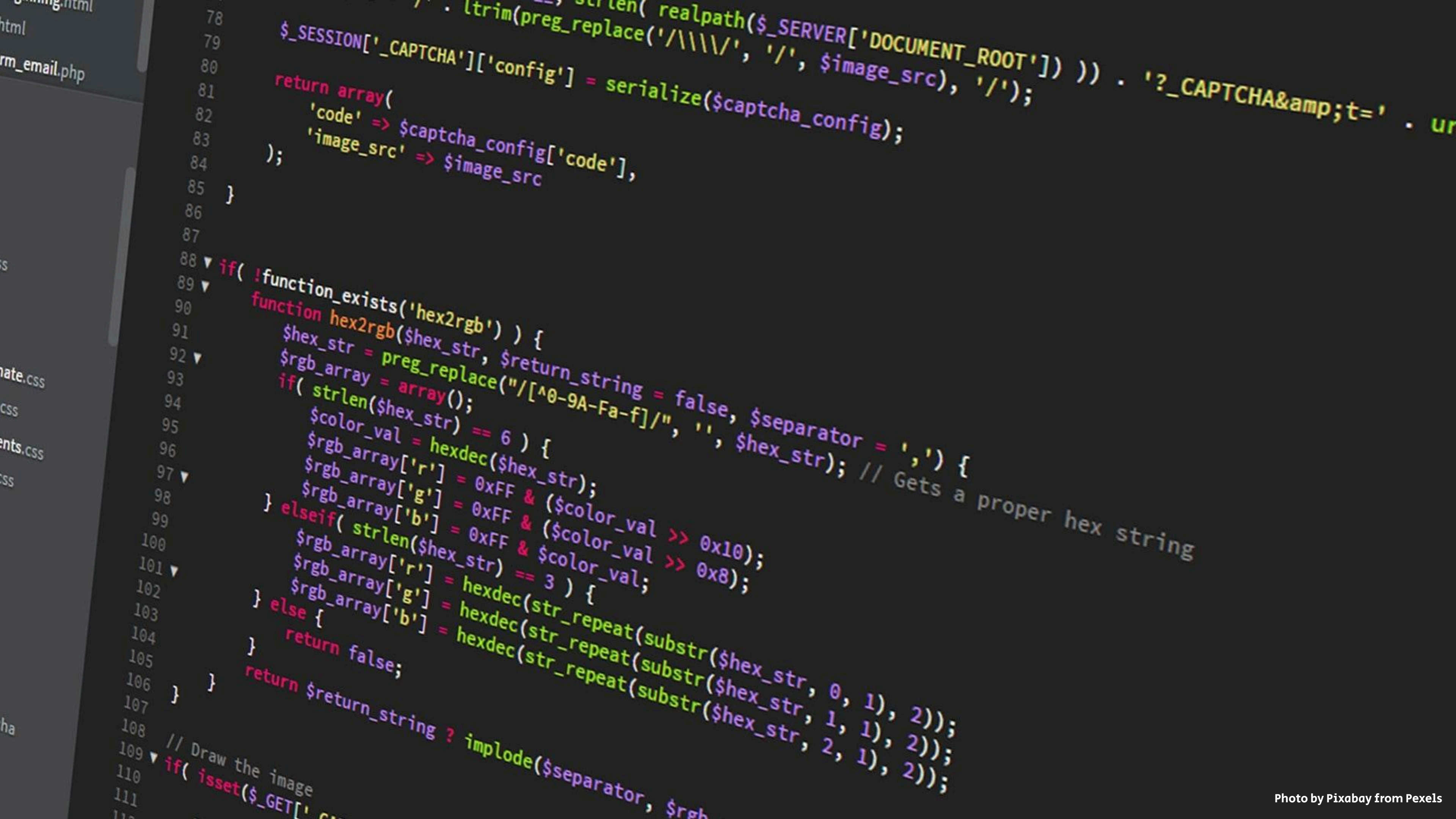

Photo by Pixabay from Pexels

Photo by Thirdman

Brian P. Hogan
@bphogan

Docs get out of date with the codebase because product does not integrate the docs into the release schedule.

Very few places will let docs block a product release. And if product allows changes right up till release day, docs will always trail.

2:09 PM · Dec 19, 2022

writethedocs.org

stripe.com/docs

twilio.com/docs

docs.github.com

kubefirst.konstruct.io/docs

container

Photo by Joe Chen from Pexels

Photo by Mae Mu on Unsplash

Photo by Dio Hasbi Saniskoro from Pexels

readme

https://readme.com

https://docusaurus.io

Read the Docs

https://readthedocs.org

any

static

site

generator

in the end


Photo by Yogi Purnama on Unsplash

Frédéric Harper

Principal Developer Advocate
konstruct

fred@konstruct.io
@fharper

fred.dev/coffee