



La documentation "comme du code"

...ou utiliser la même discipline pour notre documentation que pour notre code



Documentation : La quête de la perfection



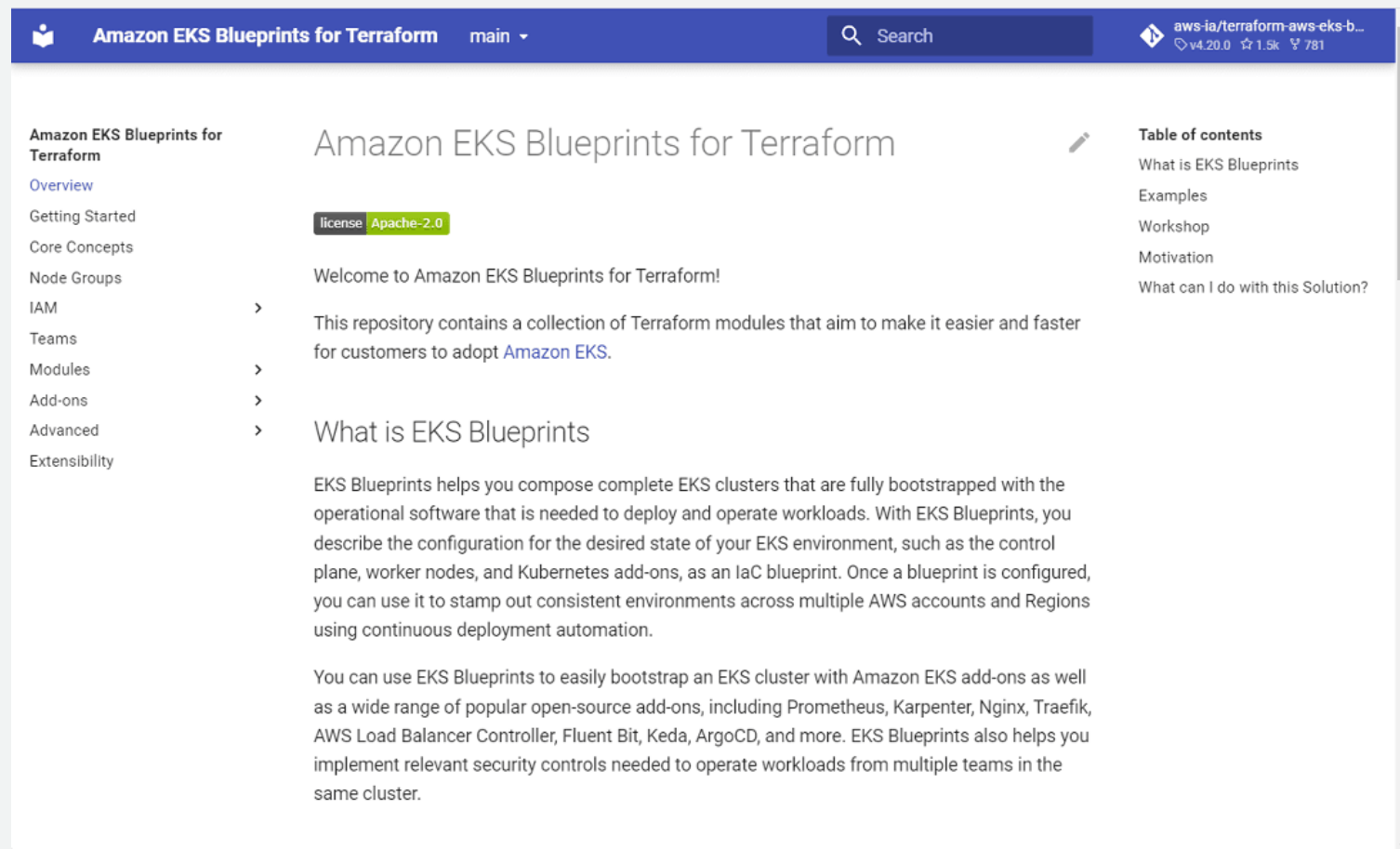


"Comme du code"

- La documentation est un produit
- Gestion en version avec Git
- Collaboration via les pull requests
- CI/CD: tester et publier automatiquement

Documentation n technique

Avec **MkDocs** +
material theme



Ceci est du code. A forker depuis
github.com/ojacques/presentations



Amazon EKS Blueprints for Terraform

Overview

Getting Started

Core Concepts

Node Groups

IAM

Teams

Modules

Add-ons

Advanced

Bottlerocket

Cluster Upgrades

ECR Instructions

GitOps with Flux

Multi-cluster

Private Clusters

Extensibility

**Table des matières
basé sur l'arborescence
des fichiers****Choix de la
version****Recherche**

Cluster Upgrades



Table of contents

EKS Upgrade Documentation

Objective:

Prerequisites:

Steps to Upgrade EKS cluster:

Important Note

**Table des matières à
l'intérieur du fichier
markdown**

EKS Upgrade Documentation

Objective:

The purpose of this document is to provide an overview of the steps for upgrading the EKS Cluster from one version to another. Please note that EKS upgrade documentation gets published by AWS every year.

The current version of the upgrade documentation while writing this [README](#)

Prerequisites:

1. Download the latest upgrade docs from AWS sites (<https://docs.aws.amazon.com/eks/>)
2. Always upgrade one increment at a time (E.g., 1.20 to 1.21). AWS doesn't support

Steps to Upgrade EKS cluster:

1. Change the version in Terraform to the desired Kubernetes cluster version. See the example below

```
cluster_version = "1.21"
```



1. If you are specifying a version for EKS managed addons, you will need to ensure the version used is compatible with the new cluster version, or use a data source to pull the appropriate version. If you are not specifying a version for EKS managed addons, no changes are



En pratique



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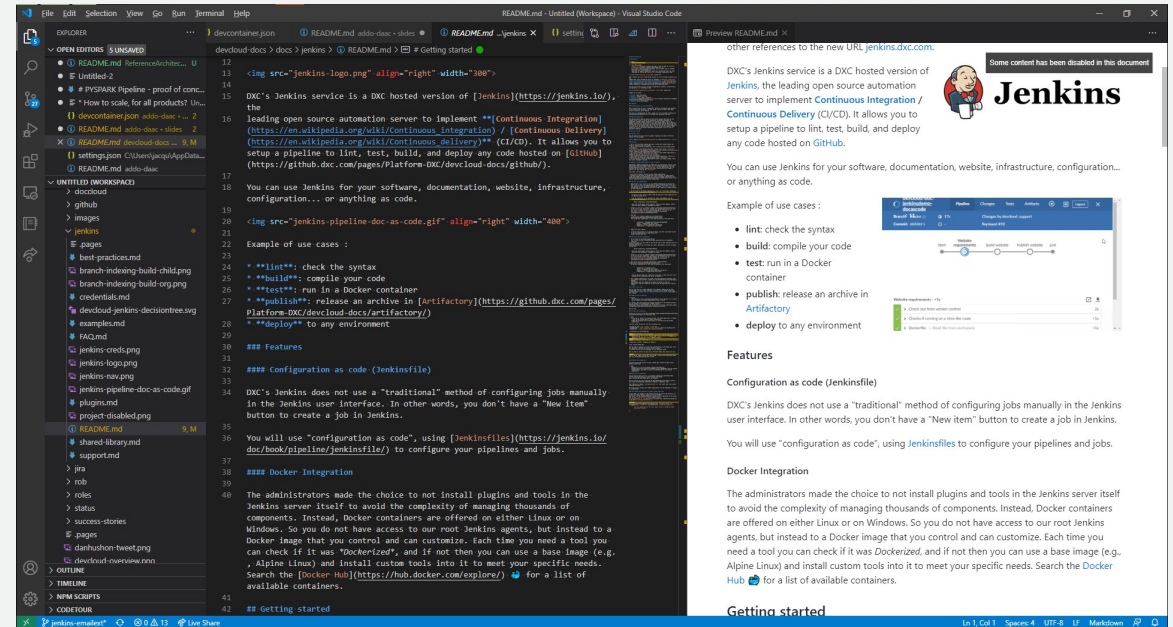
Ecrire le texte

Utilisation de **Markdown**

Avec votre éditeur préféré :

- **VSCode** ➡
- **IntelliJ**
- **Eclipse**

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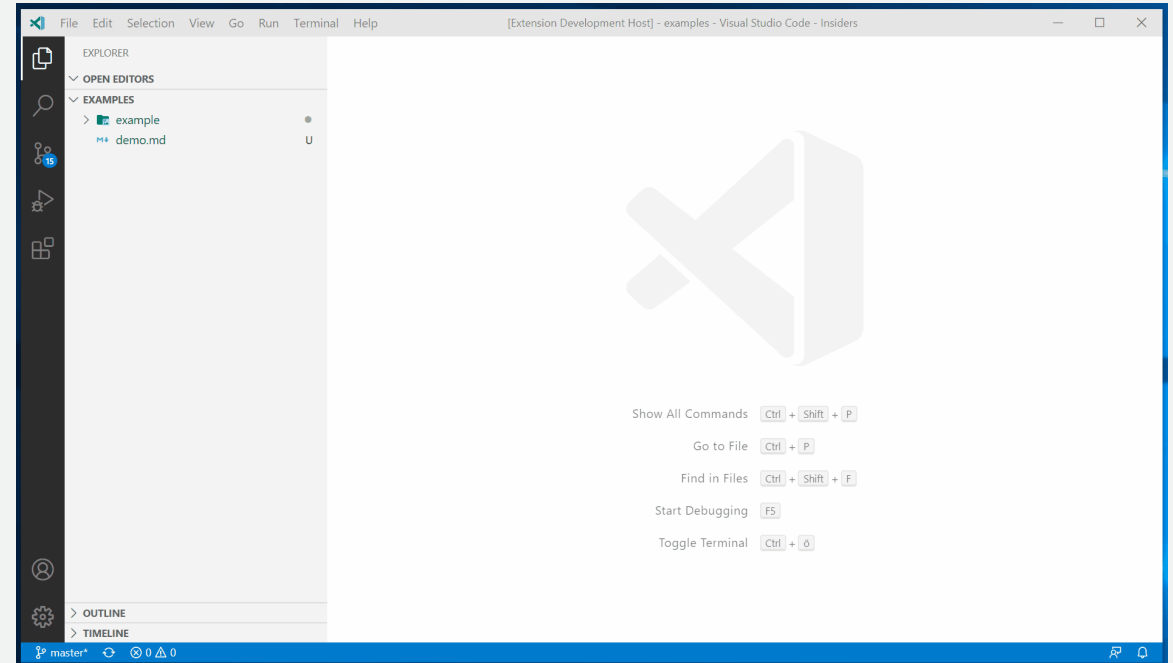


Ecrire le texte (2)

Rajouter des extensions

- **markdownlint** (pour la syntaxe)
- **Draw.io** (pour les schémas)
- **PlantUML** (pour les schémas comme du code)
- **Marp** (pour les transparents)

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Outillage et frameworks

- Jekyll 🤖
- Hugo: puissant, léger, rapide ➡
- Marp, sli.dev: transparents / présentations
- MkDocs + material theme ➡

CI: Linter - vérifier le markdown

CLI linter

- github super-linter
- markdownlint

Linter dans l'éditeur

- VS Code markdownlint extension

Ceci est du code. A forker depuis
github.com/ojacques/presentations

```
-----  
-----  
Linting [MARKDOWN] files...  
-----  
-----  
File:[/github/workspace/README.md]  
- File:[README.md] was linted with [markdownlint] successfully  
-----  
File:[/github/workspace/slides/README.md]  
- File:[README.md] was linted with [markdownlint] successfully  
-----  
-----  
Generated reports:  
-----  
-----  
Reports generated in folder /github/workspace/super-linter.report  
Report output folder (/github/workspace/super-linter.report) does NOT exist.  
-----  
-----  
The script has completed  
-----  
-----  
All file(s) linted successfully with no errors detected
```

CI: Orthographe

En ligne de commande

- `spellcheck-github-actions`
- `spellchecker-cli`

Dans l'éditeur

- VS Code `code-spell-checker` extension

```
4 Using pyspelling on repository files outlined in >.spellcheck.yml<
5 -----
6 Misspelled words:
7 <htmlcontent> slides/README.md: html>body>p
8 -----
9 dxc
10 marp
11 -----
12
13 Misspelled words:
14 <htmlcontent> slides/README.md: html>body>p
15 -----
16 mkdocs
17 -----
18
19 !!!Spelling check failed!!!
20 Files in repository contain spelling errors
```

CI: Vérification liens hypertexte

Liens morts

markdown-link-check

```
FILE: README.md
[✓] https://twitter.com/ojacques2
[✓] mailto:laurent.gil@dx.com
[✗] https://github.com/documentation-as-code/service-catalog-hugo.gif
[✓] https://gohugo.io/
[✗] https://github.com/documentation-as-code/service-documentation-mkdocs.gif
[✓] https://www.mkdocs.org/
[✓] https://squidfunk.github.io/mkdocs-material/
[✓] https://github.com/documentation-as-code/ci-cd-for-documentation/raw/main/slides/doc-site.jpg
[✓] https://github.com/documentation-as-code/ci-cd-for-documentation/raw/main/slides/vscode.jpg
[✓] https://github.com/hediet/vscode-drawio/raw/master/docs/drawio-png.gif
[✓] https://marketplace.visualstudio.com/items?itemName=DavidAnson.vscode-markdownlint
[✓] https://marketplace.visualstudio.com/items?itemName=hediet.vscode-drawio
[✓] https://github.com/qjebbs/vscode-plantuml
[✓] https://marketplace.visualstudio.com/items?itemName=marp-team.marp-vscode
[✓] https://github.com/documentation-as-code/ci-cd-for-documentation/raw/main/slides/codespaces.jpg
[✓] https://jekyllrb.com/
[✓] https://marp.app/
```

Cl: Tester

Style / voix

Vale

slides/README.md

61:17	suggestion	Try to avoid using 'is'.	write-good.E-Prime
100:6	suggestion	Try to avoid using 'is'.	write-good.E-Prime
100:10	warning	'mostly' is a weasel word!	write-good.Weasel
134:46	warning	'mostly' is a weasel word!	write-good.Weasel
184:17	warning	In general, don't use an ellipsis.	Microsoft.Ellipses

✖ 0 errors, 3 warnings and 2 suggestions in 1 file.

Publication (CD)

Formats

HTML | PDF | DOCX | EPUB | MOBI |

...

Hébergement web

- GitHub pages ➡
- GitLab pages
- Netlify
- Un bucket AWS S3 ➡

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```
#https://github.com/marketplace/actions/deploy-to-github-pages
- name: Deploy to GitHub Pages
  uses: JamesIves/github-pages-deploy-action@3.6.2
  with: # Set the secret as an input
    GITHUB_TOKEN: ${{ secrets.DEPLOYMENT_ACCESS_KEY }}
    BRANCH: gh_pages
    FOLDER: site
```



Merci 🙏

(Contenu préparé avec Laurent Gil)



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