



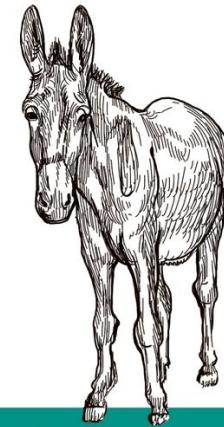
SAUVE UN-E DEV, ÉCRIS  
UNE DOC

DEVOXX™ FRANCE

# PROGRAMME

- Architecturer
- Ecrire
- Améliorer

Where's the fun in just knowing what the code is supposed to do?



*Essential*

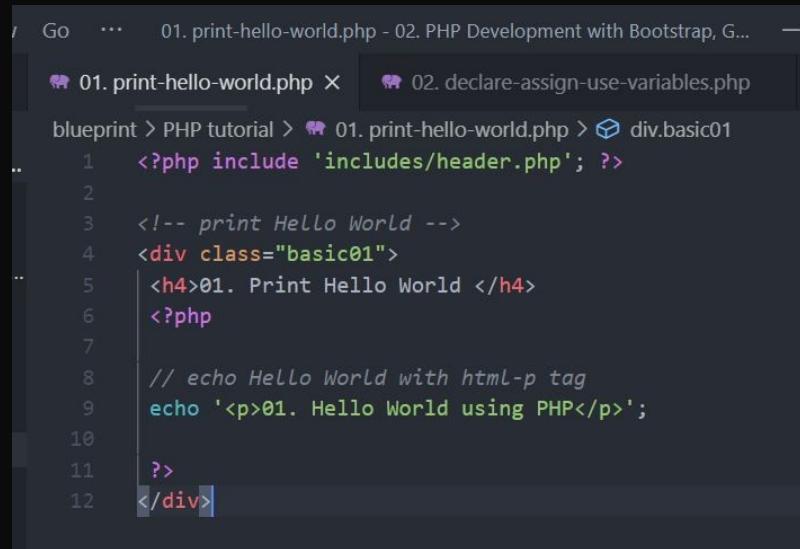
Excuses for Not  
Writing Documentation

O RLY?

@ThePracticalDev

# MYTHE DU CODE AUTO-DOCUMENTÉ

- Pas de commentaires
- Pas de doc



A screenshot of a code editor showing a file named '01. print-hello-world.php'. The code contains PHP code that includes a header file and prints 'Hello World' using an echo statement.

```
1 <?php include 'includes/header.php'; ?>
2
3 <!-- print Hello World -->
4 <div class="basic01">
5 <h4>01. Print Hello World </h4>
6 <?php
7
8 // echo Hello World with html-p tag
9 echo '<p>01. Hello World using PHP</p>';
10
11 ?>
12 </div>
```

# Developers are People Too



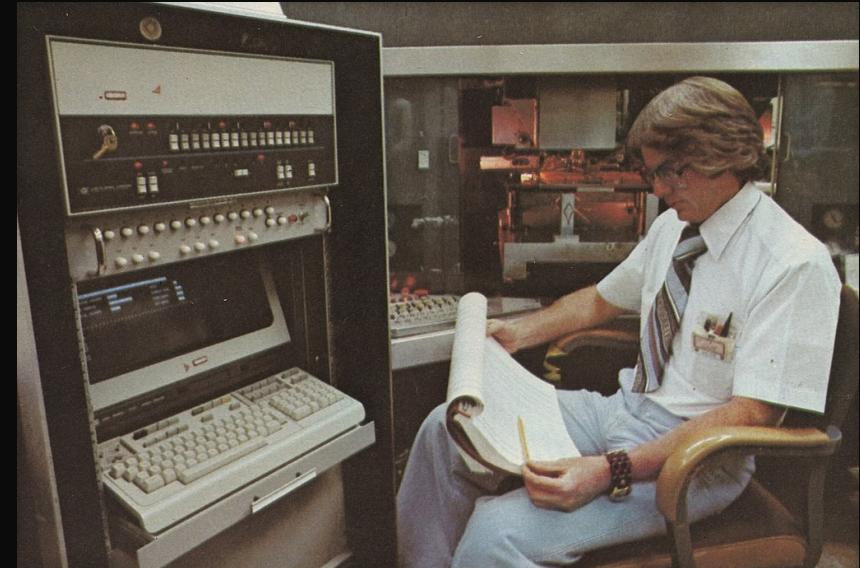
# RÉALITÉ

- Users ne savent pas que le logiciel existe
- Ni à quel problème il répond



# INSTALLATION

- Un Getting Started
- Le fichier INSTALL.md
- Liste des Pré-requis



Hughes Aircraft Company Public domain

# ET QUAND IL Y A DES BUGS ?

- Abandon
- Plaintes sur Twitter



# QUAND LE DÉV DEVIENT UN USER

# Sarah Haïm-Lubczanski

- Dev PHP > Technical Writer >  
Documentation Architect
  - J'aime les Monty Python, faire du vélo,  
manger de la pizza, et apprendre des  
nouvelles choses
- Accro aux réseaux sociaux
  - Twitter : @mereteresa
  - Masto : @mereteresa@tetaneutral.net



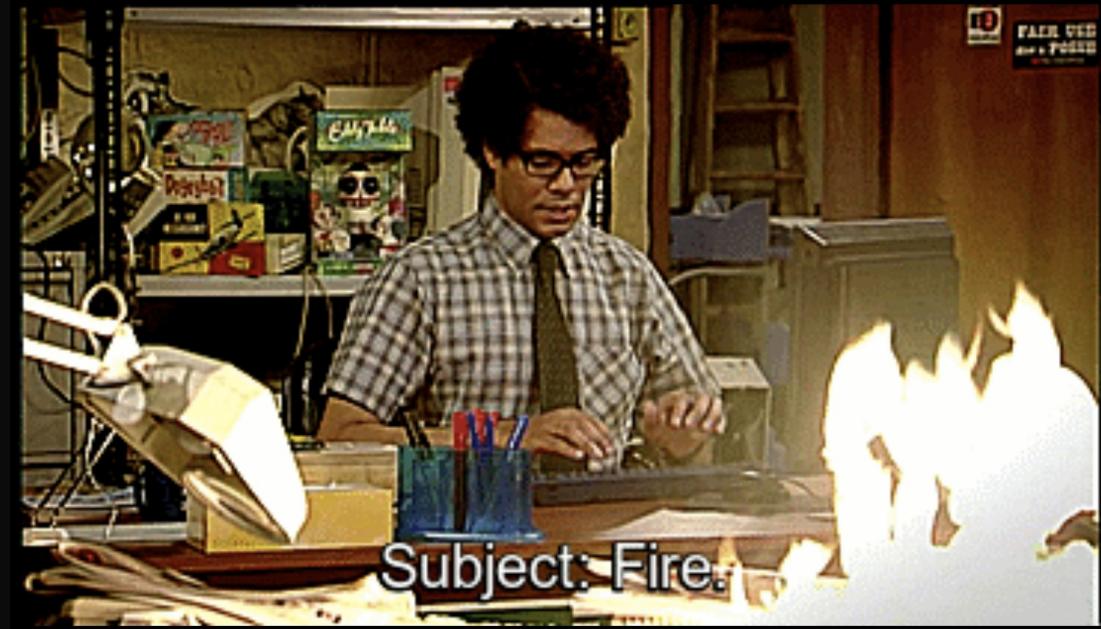


# ARCHITECTURER



# LE CONTEXTE

- Situation
- Besoin métier



Subject: Fire.

# DANS LA DOC ?

- README
- Tutoriels
- Release notes



Credits : Author unknown from London, UK CC BY 2.0

# ORIENTER L'UTILISATEUR



Credit : Ranubaddhan, CC BY-SA 4.0

# EN ARCHITECTURANT LA DOC

- Par type de contenu
  - framework Diataxis
- Par contexte, feature

## TUTORIALS

LEARNING

Acquisition

UNDERSTANDING

## EXPLANATION

## HOW-TO GUIDES

GOALS

Application

INFORMATION

## REFERENCE

Action

Cognition

# EXEMPLE D'UTILISATION DE DIATAXIS

The screenshot shows the Kubernetes Documentation homepage. The top navigation bar includes links for Documentation, Kubernetes Blog, Training, Partners, Community, Case Studies, and Versions. A search bar is located on the left side. The main content area features three main sections: "Understand Kubernetes", "Try Kubernetes", and "Set up a K8s cluster". Each section has a brief description and a list of related topics.

**Kubernetes Documentation**

**Kubernetes Documentation / Documentation**

Kubernetes is an open source container orchestration engine for automating deployment, scaling, and management of containerized applications. The open source project is hosted by the Cloud Native Computing Foundation (CNCF).

**Understand Kubernetes**

Learn about Kubernetes and its fundamental concepts.

- Why Kubernetes?
- Components of a cluster
- The Kubernetes API
- Objects In Kubernetes
- Containers
- Workloads and Pods

**Try Kubernetes**

Follow tutorials to learn how to deploy applications in Kubernetes.

- Hello Minikube
- Walkthrough the basics
- Stateless Example: PHP Guestbook with Redis
- Stateful Example: Wordpress with Persistent Volumes

**Set up a K8s cluster**

Get Kubernetes running by adding more nodes to your resources and network.

- Learning environment
- Production environment
- Install the kubeadm setup tool
- Securing a cluster
- kubeadm command

# Resources for Developers, by Developers

Documenting web technologies, including CSS, HTML, and JavaScript, since 2005.

## Featured Articles

### CSS : Feuilles de style en cascade Introduction à la cascade CSS

La cascade est un algorithme qui définit comment les agents utilisateur combinent les valeurs des propriétés selon leurs différences.

### HTML (HyperText Markup Language) <dialog> : l'élément de boîte de dialogue

L'élément HTML <dialog> représente une boîte de dialogue ou un composant interactif (par exemple un inspecteur ou une fenêtre).

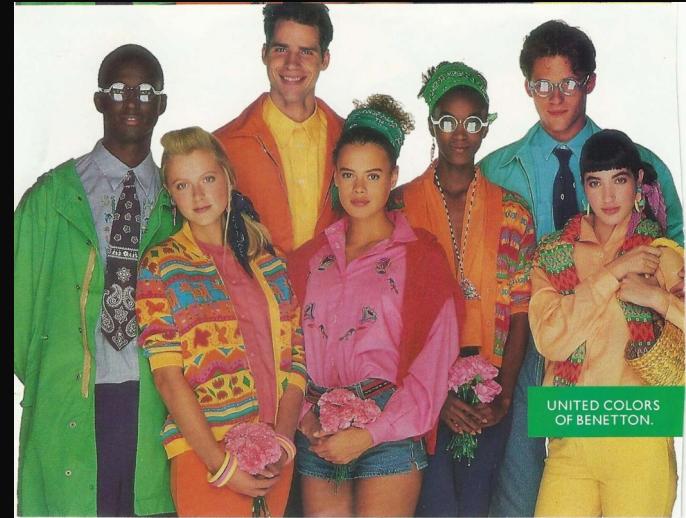
# NOTION D'AUDIENCE

- Rejoint le persona en UX
- Rôle de l'utilisateur-ice



# POINT DIVERSITÉ DE L'AUDIENCE

- C'est documenté !
- Stick & Stones...  
Microaggressions  
& Inclusive Language at Work
  - par Cory Williamson-Cardneau
  - [+ d'informations]



Crédit : Benetton Group

# CONNÂITRE SON AUDIENCE ?

- se rapprocher
  - du Marketing
  - du Support
  - du Dev relations

# LE BON CHASSEUR

- La différence entre une bonne doc et une mauvaise doc ?
  - L'UX
  - La DX même !

# AUDIENCE X CONTEXTE

# PAS UNE FIN EN SOI

- Doc = outil
- On peut tout faire à la main



Crédits : Jiří Sedláček, CC BY-SA 4.0

1972  
1970 111 10 89 13  
1980,ESTD  
ESTD/80Z  
NO. 23 EUPDATE 04/07/78  
SEC PRIORITY TO DATA/P ARE INFORMALLY APPROVED THE WEEK OF 04/13/78.  
HOWEVER, UNTIL FORMAL APPROVAL IS OBTAINED, DATA SHOULD BE HANDLED AS BEFORE  
• CUST FOR RELEASE UNTIL NOTIFIED DIFFERENTLY.  
• LEAVE YOUR TERMINAL ON AFTER LOADING DPP TO RECEIVE PCU MESSAGES FROM  
DIA  
THIS COMMAND REQUIRES A PASSWORD. PLEASE REFER TO THE DIA

# ECRIRE

2640A TERMINAL

UR0539

HEWLETT

# UNE PETITE ÉQUIPE ?

The image shows a screenshot of a LinkedIn search results page. At the top left is the LinkedIn logo. Next to it is a search bar containing the text "technical writer". To the right of the search bar is a "Accueil" button with a house icon. Below the search bar are several filter buttons: "Personnes ▾" (highlighted in green), "Stripe 1 ▾" (highlighted in green), and "1er", "2e", "3e et +", and "Lieu" (partially visible). The main content area displays the message "76 résultats". Below this, there are three cards with links: "Outils de développement", "Tests", and "Sans code". On the far left edge of the slide, there is a vertical blue bar with the word "Ecrire" written vertically.

LinkedIn search results for "technical writer".

76 résultats

Outils de développement

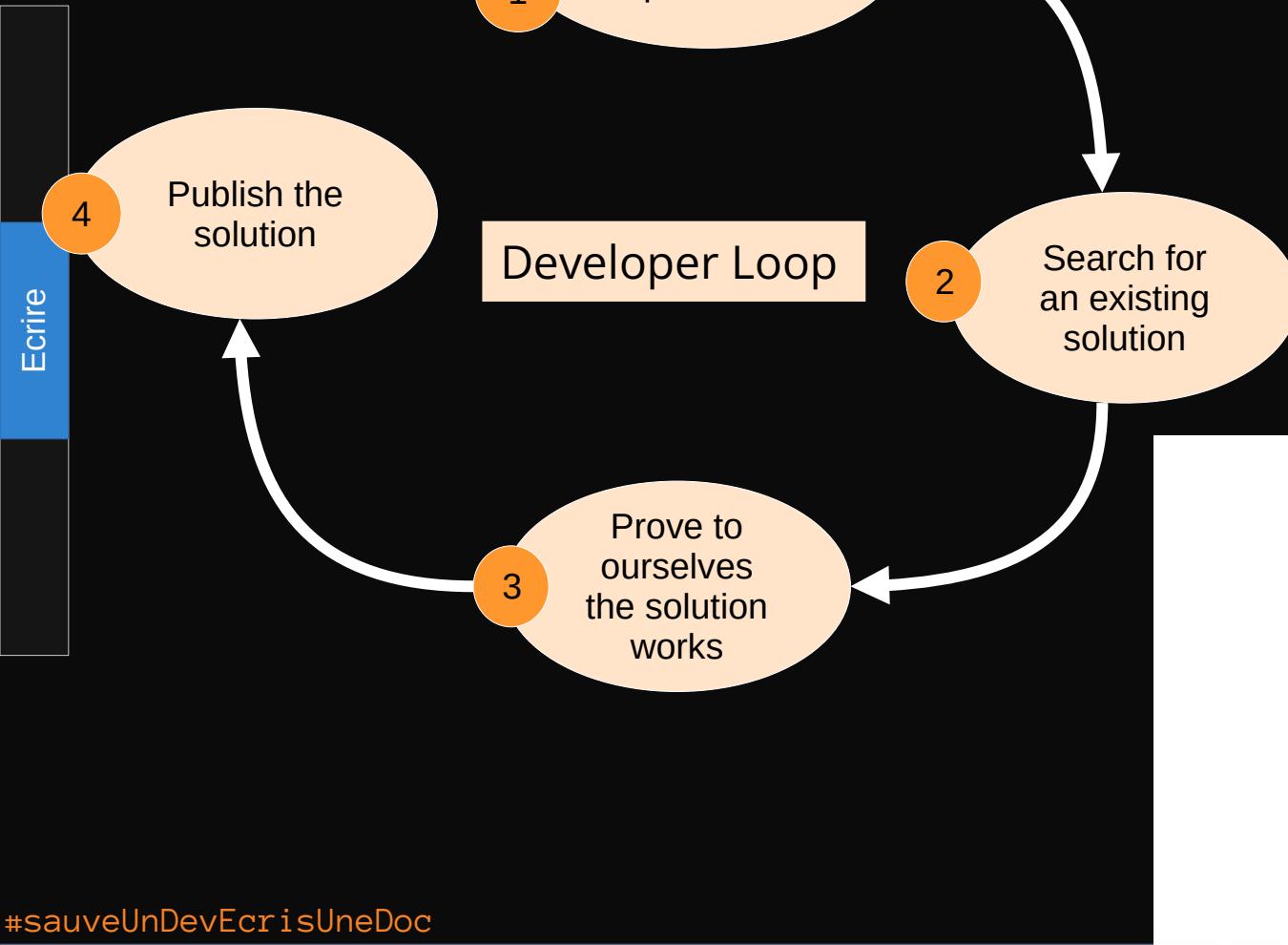
Démarrez rapidement grâce à nos bibliothèques, clés API et outils d'intégration.

Tests

Utilisez ces numéros de carte de test pour simuler différents scénarios de paiement.

Sans code

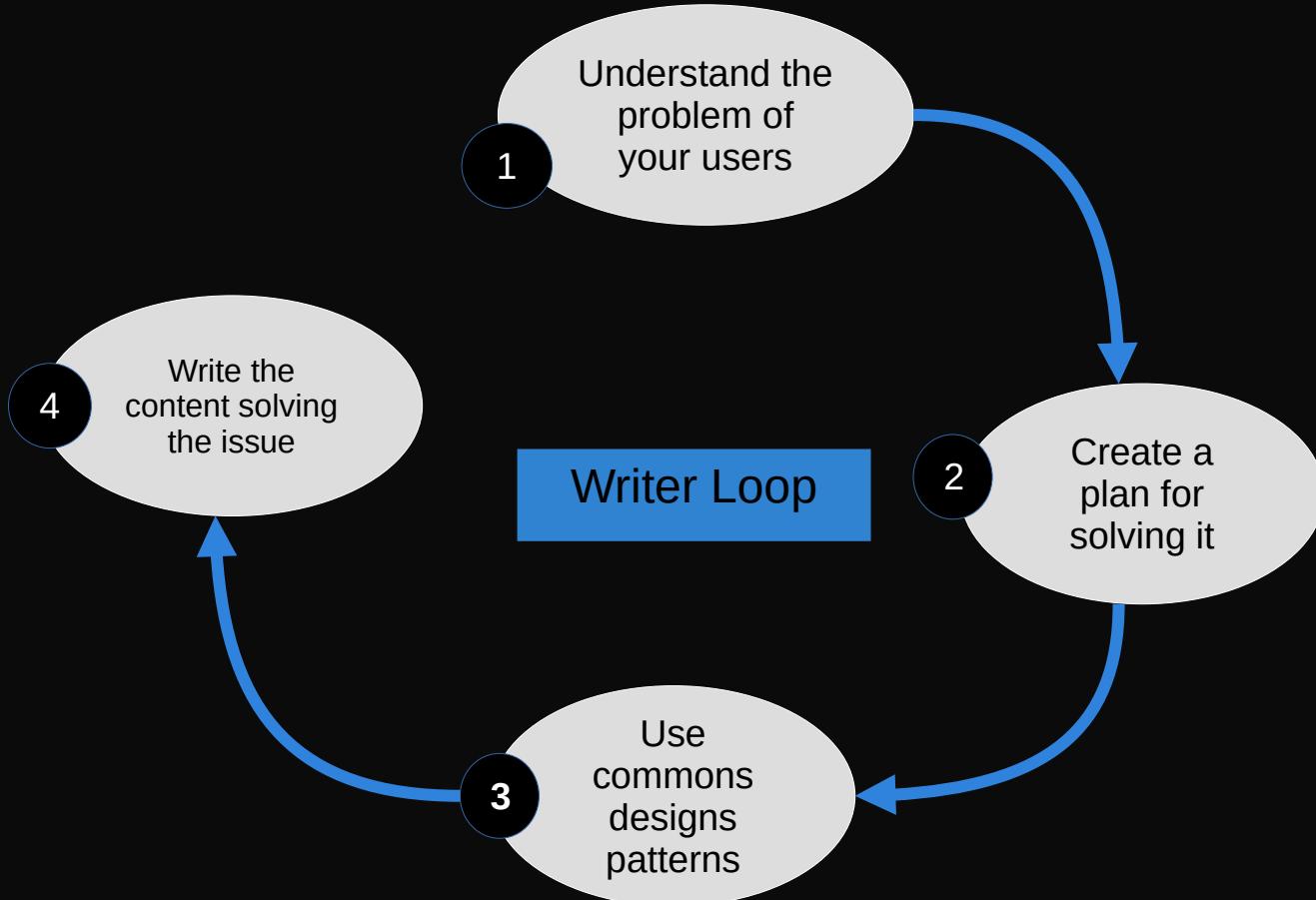
En savoir plus sur les options d'utilisation de Stripe sans rédiger de code.



Kelsey  
Hightower

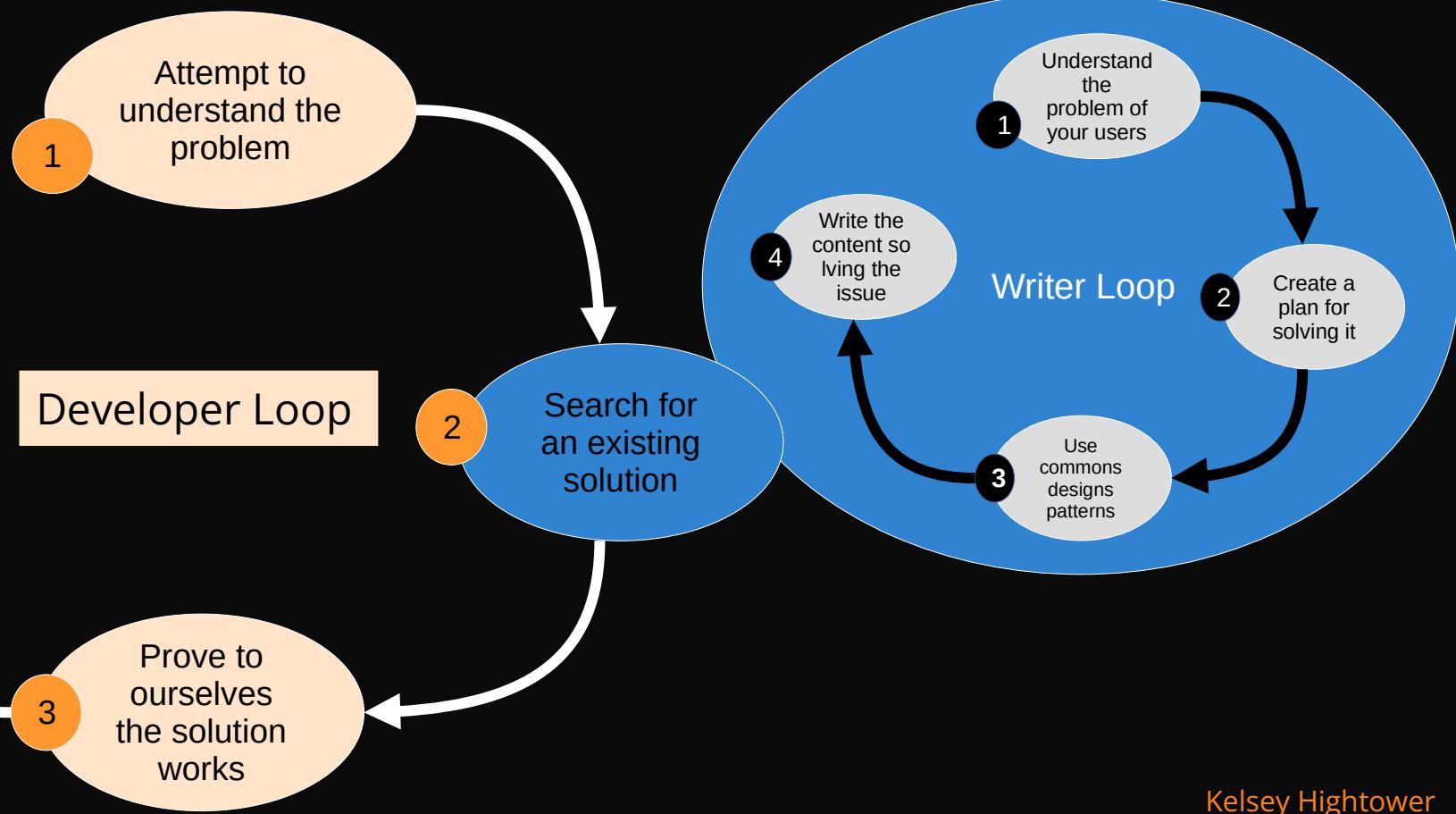
[https://github.com/  
kelseyhightower/  
kubernetes-the-hard-way](https://github.com/kelseyhightower/kubernetes-the-hard-way)





Kelsey Hightower





Kelsey Hightower



# LANGAGES ET FORMATS

Ecrire



# ECRIRE UNE PAGE DE DOC

- Audience
- Type de doc
- But de la « page » = Titre



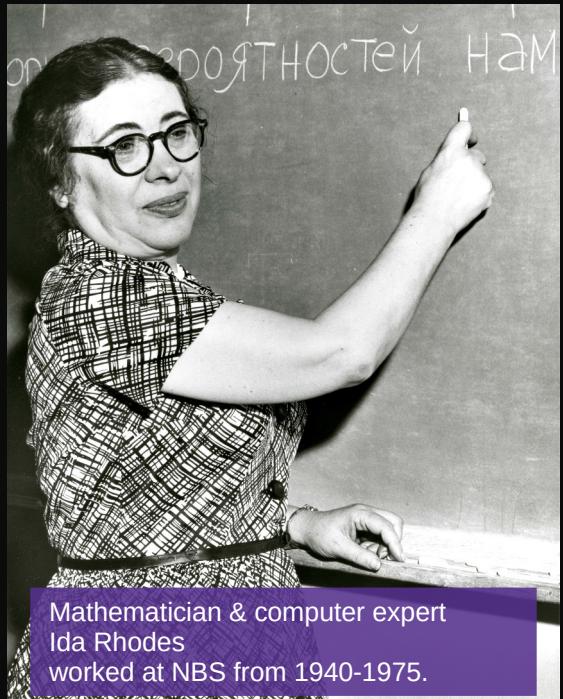
# PEUR DE LA PAGE BLANCHE ?

- Utiliser un résumé
- Ecrire les phrases clefs
- Etoffer



# TOUJOURS BLOQUÉ ?

- Changer de média
- Parler à votre canard en plastique
- Utiliser des templates



Mathematician & computer expert  
Ida Rhodes  
worked at NBS from 1940-1975.

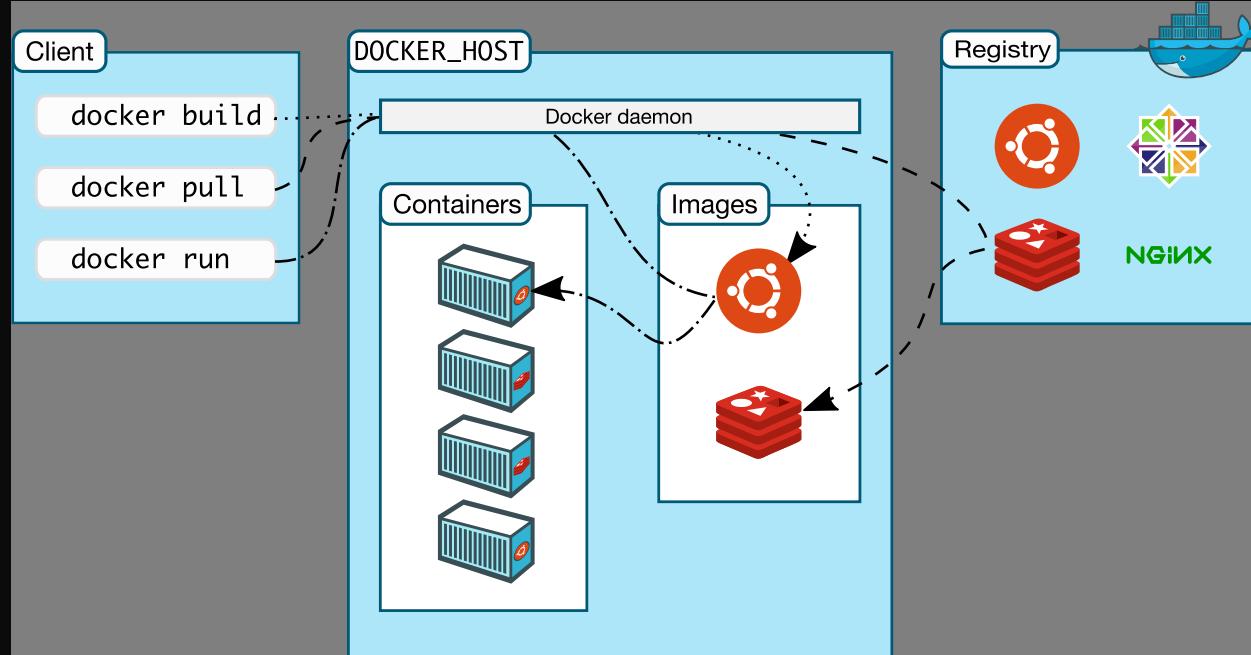
# DES IMAGES DANS LA DOC

- Icônes
- Schémas
- Copies d'écrans

The screenshot shows a dark-themed web page from the Heroku Dev Center. At the top, there's a navigation bar with links for 'Get Started', 'Documentation', 'Changelog', and 'More'. A search bar is also present. On the left, a sidebar titled 'CATEGORIES' lists various topics like 'Heroku Architecture', 'Command Line', and 'Deployment'. The 'Collaboration' section is highlighted with a blue border. The main content area has a title 'Collaborating with Other Developers on Your App' and a subtitle 'Last updated January 27, 2022'. It includes a 'Table of Contents' with links to 'Collaborator permissions for apps in an Online or Enterprise Team', 'Add collaborators', 'View collaborators', 'Remove collaborators', and 'Merging code changes'. A note at the bottom states: 'This article shows app owners how to share their app with collaborators.' A callout box at the bottom right says: 'If you are a collaborator, see Getting Started as a Collaborator.'

# LES SCHÉMAS DANS LA DOC

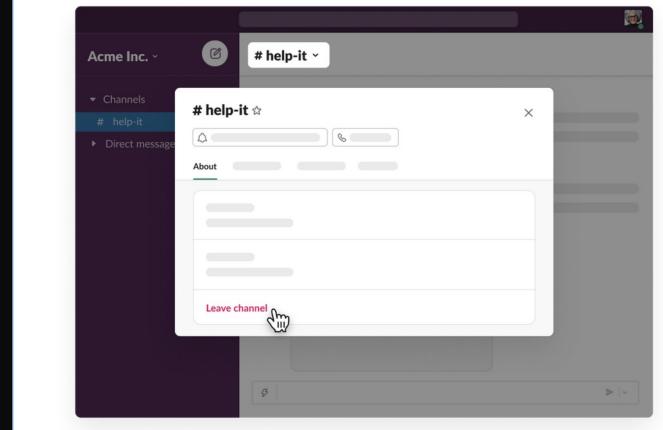
Ecrire



# COPIES D'ÉCRANS

- SUI : Simplified User Interface
- Masquer des éléments
  - Lisibilité

Si vous rejoignez un canal pour poser une question, vous pouvez [le quitter](#) après avoir obtenu une réponse.



# DOCS MOCHES / BONNE UX

Ecrire

- Man pages Linux

```
TOP(1)                                General Commands Manual      TOP(1)

NAME
    top - display sorted information about processes

SYNOPSIS
    top [-a | -d | -e | -c mode]
        [-F | -f]
        [-h]
        [-i interval]
        [-l samples]
        [-ncols columns]
        [-o key | -O skey]
        [-R | -r]
        [-S]
        [-s delay-secs]
        [-n nprocs]
        [-stats keys]
        [-pid processid]
        [-user username]
        [-U username]
        [-u]

DESCRIPTION
    The top program periodically displays a sorted list of system processes.
    The default sorting key is pid, but other keys can be used instead. Various
    output options are available.

OPTIONS
    Command line option specifications are processed from left to right.
    Options can be specified more than once. If conflicting options are
    specified, later specifications override earlier ones. This makes it viable
    to create a shell alias for top with preferred defaults specified, then
    override those preferred defaults as desired on the command line.

    -a      Equivalent to -c a.

    -c mode
            Set event counting mode to mode. The supported modes are

            a      Accumulative mode. Count events cumulatively, starting at
                  the launch of top. Calculate CPU usage and CPU time since
                  the launch of top.

            d      Delta mode. Count events relative to the previous sample.

:
```

# METTRE EN VALEUR LE CONTENU

- Callout : Notes, warnings
- Mettre en **gras**
- Utiliser des listes à puces
- Trop long ? Divisez !

**Caution**

Conditions are *not* taken into account when generating URLs  
(which is explained later in this article).

# INCLUDE DU CODE DANS LA DOC

- Exécutable
- Explicatif
- Mettre différents niveaux de complexité si possible

# MAINTENIR LES EXEMPLES À JOUR !

YAML | XML PHP

```
1 // config/packages/framework.php
2 use Symfony\Config\FrameworkConfig;
3
4 return static function (FrameworkConfig $framework) {
5     $framework->session()
6         // ...
7         ->handlerId('session.handler.native_file')
8         ->savePath('%kernel.project_dir%/var/sessions/%kernel.environment%')
9     ;
10};
```

# OUTILLAGE

- La doc de la doc : Write The Docs
  - <http://www.writethedocs.org/guide/>
- Faites vous aider pour votre README
  - ReadMe Checklist (ddbeck)
  - Feedmtereadmes (lappleApple)

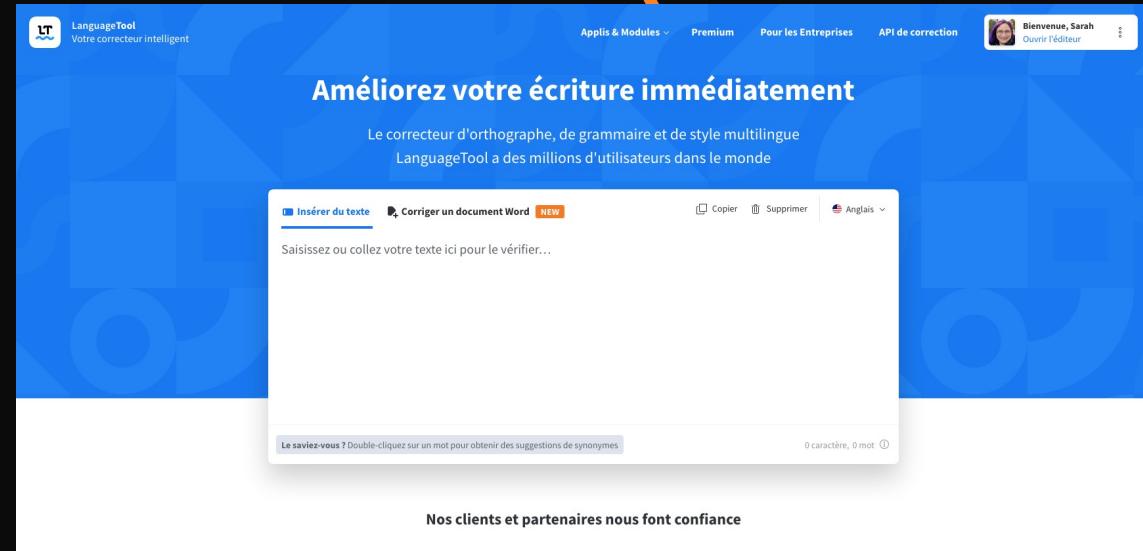
The screenshot shows the homepage of the Write The Docs Documentation Guide. At the top right, there's a navigation bar with links for "Home", "Learning Resources", and "Documentation Guide". Below the navigation, a large header reads "WRITE THE DOCS". To the right of the header, there's a brief introduction: "This guide gathers the collective wisdom of the Write The Docs community around best practices for creating software documentation. This is a living, breathing guide. If you'd like to contribute, take a look at the guidelines for contributing to the guide. If you have any questions about contributing, you can send them along to [guide@writethedocs.org](mailto:guide@writethedocs.org). Also feel free to send us any additions in any format to [support@writethedocs.org](mailto:support@writethedocs.org)." On the left side, there's a sidebar with sections for "Quick search", "Job Postings", and "See more at our Job Board". The main content area contains several sections with headings and bullet points, such as "A beginner's guide to writing documentation", "Starting off", and "Building documentation mindshare in a company".

# DICTIONNAIRES

- Français
  - Synonymes : CRISCO
- Anglais
  - Expressions : Linguee
  - Collins Dictionary
  - Word Reference

# CORRECTEUR ORTHOGRAPHIQUE

- Language Tool

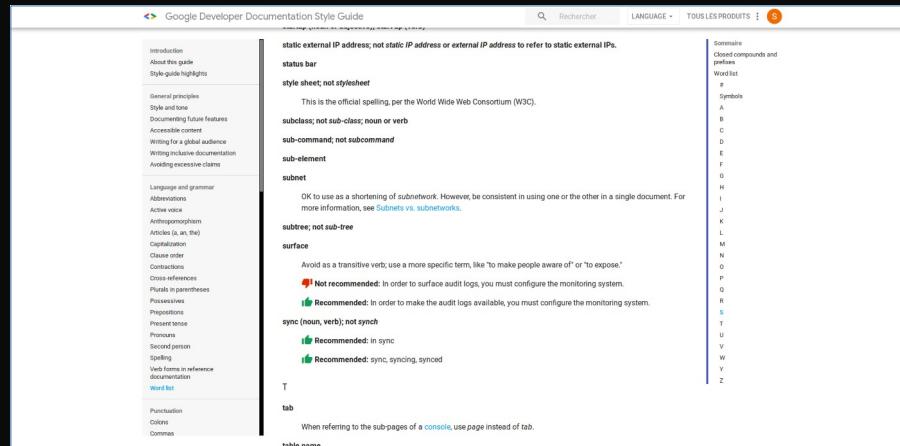


# COHÉRENCE

Too informal	Just about right	Too formal
Dude! This API is totally awesome!	This API lets you collect data about what your users like.	The API documented by this page may enable the acquisition of information pertaining to user preferences.
Just like a certain pop star, this call gets your "Telephone" number. The easy way to ask for someone's digits!	To get the user's phone number, call <code>user.phoneNumber.get()</code> .	The telephone number can be retrieved by the developer via the simple expedient of using the <code>get()</code> method on the <code>user</code> object's <code>phoneNumber</code> property.
Then—BOOM—just garbage-collect (or <i>collecter des garbáge</i> , as they say in French), and you're golden.	To clean up, call the <code>collectGarbage()</code> method.	Please note that completion of the task requires the following prerequisite: executing an automated memory management function.

# STYLEGUIDE DE LA DOC

- Google Developers Styleguide





AMÉLIORER



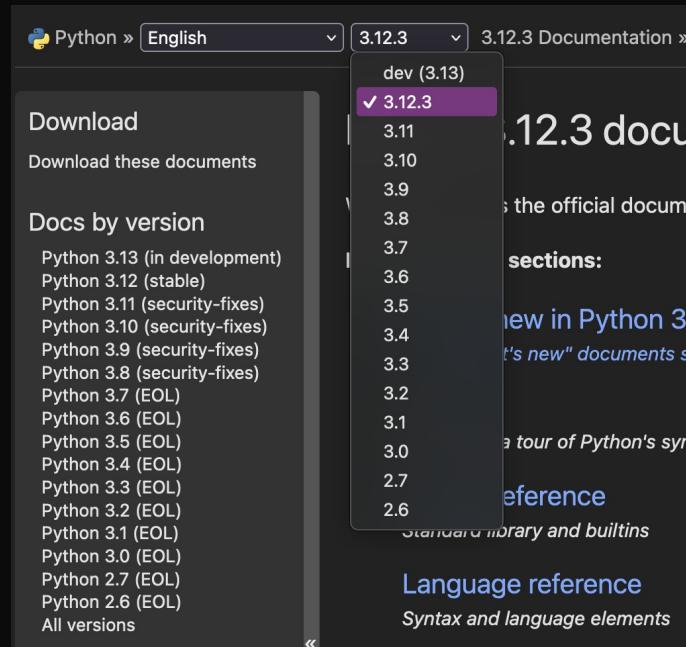
# ATTENDUS DE LA DOC

- Doc est un outil !
- Gain de temps
- Apprentissage

- Quelle version est affichée
- Changer de version

Documentation → PostgreSQL 16  
Supported Versions: Current (16) / 15 / 14 / 13 / 12  
Development Versions: devel  
Unsupported versions: 11 / 10 / 9.6 / 9.5 / 9.4 / 9.3 / 9.2 / 9.1 / 9.0 / 8.4 / 8.3 / 8.2 / 8.1 / 8.0 / 7.4 / 7.3 / 7.2

Postgresql.org



Python.org

The screenshot shows the Docusaurus documentation sidebar. At the top right, there's a dropdown menu for selecting a version. The current version selected is "3.2.1". A dropdown arrow reveals a list of other versions, with "3.2.1" highlighted in purple. To the left of the dropdown, there are sections for "Canary" (with a yellow bar icon), "3.2.1", "3.1.1", "3.0.1", and "2.x". Below these, there's a section titled "Archived versions" containing links to "2.3.1", "2.2.0", "2.1.0", "2.0.1", and "1.x.x". At the bottom, there are sections for "All versions" and "Docusaurus.io".

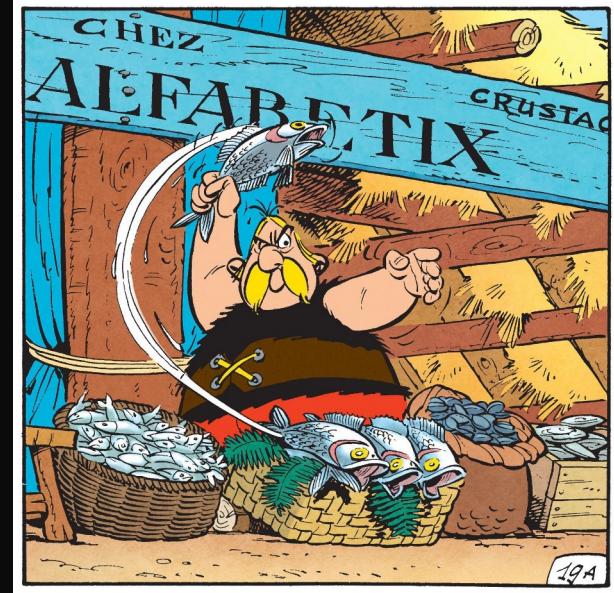
Docusaurus.io

# DOC DU PRODUIT LEGACY

- Quel impact sur la vie du projet pour le user ?
- Et pour l'UX ?

# DOCUMENTATION À JOUR

- Date de mise à jour
- Doc fraîche !
  - Pas de doc périmée



# RECHERCHER DANS LA DOC

- Architecturer
- SEO
- Moteur de recherche
  - Algolia, Meilisearch, Elastic...



Crédit: Ted Eytan, CC BY-SA 2.0

# FAIRE UNE BONNE DOC ?

- Copier vos doc préférées
- Suivre un guide

# LA DOC EST UN OUTIL DE COMMUNICATION



# EN QUOI LA DOC VA-T-ELLE SAUVER LES DEVS ?

- Gain de temps
- Aide réelle
- Communication des choix
- Learning : best practices



# MERCI



Crédit: iranypoisoning, CC BY-SA 2.0

Code changed according to the wheel  
positions. Each configuration pro-  
vides a different letter. To read  
the message, the operator

# RÉFÉRENCES / OUTILS

- Styleguides / aide écriture
  - MS Style Guide  
<https://learn.microsoft.com/en-us/style-guide/welcome/>
  - Google Developer  
<https://developers.google.com/style>
  - Chicago MS online  
[https://www.chicagomanualofstyle.org/book/e\\_d17/frontmatter/toc.html](https://www.chicagomanualofstyle.org/book/e_d17/frontmatter/toc.html)
  - Gitlab  
<https://docs.gitlab.com/ee/development/documentation/styleguide/#location-and-naming-of-documents>
  - A list apart blog  
<https://alistapart.com/about/style-guide/>
  - Tone and voice  
<https://brandland.zendesk.com/copywriting#tone-and-voice>
- La doc de la doc
  - <https://www.writethedocs.org/guide/>
- Framework de rangement
  - Diataxis
    - <https://diataxis.fr/>
  - How to make sense of any mess  
<https://www.howtomakesenseofanymess.com/>
- Gitlab documentation workflow  
<https://about.gitlab.com/handbook/product/ux/technical-writing/workflow/>
- Cours de Tech Writing Google
  - <https://developers.google.com/tech-writing>

# RÉFÉRENCES / TEMPLATES

## Readme checklist

- <https://github.com/ddbeck/readme-checklist/blob/main/checklist.md>
- <https://github.com/hackergrl/art-of-readme#bonus-the-readme-checklist>

## Readme template de zalando

- <https://github.com/zalando/zalando-howto-open-source/blob/master/READMEtemplate.md>

## Standard Readme

- <https://github.com/RichardLitt/standard-readme/>

## Concept template

- [https://docs.google.com/document/d/17PJ6kOazLiLSI0465sZcUbujh\\_g9\\_g6WKOv1IcxQDPs/edit?usp=sharing](https://docs.google.com/document/d/17PJ6kOazLiLSI0465sZcUbujh_g9_g6WKOv1IcxQDPs/edit?usp=sharing)

- The Good Docs Project
  - <https://thegooddocsproject.dev>
- Dictionnaires
  - FR / Synonymes <http://crisco.unicaen.fr/dictionnaire-electronique-des-synonymes/actualites-des/>
- Traduction
  - EN / FR / ortho et grammaire LanguageTool <https://languagetool.org/fr>
  - DeepL <https://www.deepl.com/translator>
  - Linguee <https://www.linguee.fr/>
- AlexJS : alex helps you find gender favouring, polarising, race related, religion inconsiderate, or other unequal phrasing
  - <https://alexjs.com> et package Vale <https://vale.sh/hub/alex/>
- Convertir du contenu avec Pandoc
  - <https://pandoc.org/getting-started.html>