

## Introduction à Docker



- Outil qui permet
  - Créer
  - gérer
  - déployer
- Facilite le déploiement
- Assure que l'application fonctionne de la même manière sur toutes les machines.

# Qu'est-ce qu'un conteneur



Contient tout ce dont ton application a besoin pour fonctionner

- code
- bibliothèque
- etc

### Initialisation d'un conteneur



#### Docker init

#### Welcome to the Docker Init CLI! This utility will walk you through creating the following files with sensible defaults for your project: - .dockerignore - Dockerfile - compose.yaml - README.Docker.md Let's get started! ? What application platform does your project use? [Use arrows to move, type to filter] Go - suitable for a Go server application Python - suitable for a Python server application Node - suitable for a Node server application Rust - suitable for a Rust server application ASP.NET Core - suitable for an ASP.NET Core application PHP with Apache - suitable for a PHP web application Java - suitable for a Java application that uses Maven and packages as an uber jar > Other - general purpose starting point for containerizing your application Don't see something you need? Let us know! Ouit

```
? What application platform does your project use? PHP with Apache
? What version of PHP do you want to use? 8.3.0
? Please enter the relative directory (with a leading .) for your app: ./ (current directory)
? What port do you want to use to access your app? (9000) []
```

Created → .dockerignore
Created → Dockerfile
Created → compose.yaml
Created → README.Docker.md

#### → Your Docker files are ready!

Review your Docker files and tailor them to your application.

Consult README.Docker.md for information about using the generated files.

#### What's next?

Start your application by running  $\rightarrow$  docker compose up --build Your application will be available at http://localhost:5000

# Bien configurer son conteneur



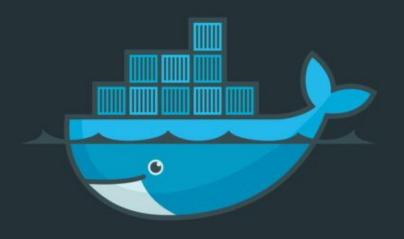
Dans compose.yaml



## build



- -> Se rendre dans le dossier qui contient le fichier compose.yaml
- -> Exécuter la commande "docker-compose up"
  - -> Accéder à l'application
    - application web: <a href="http://localhost:9000">http://localhost:9000</a>
    - phpMyAdmin: http://localhost:8081



# Merci beaucoup