

Orquestrar WordPress para que suene como una sinfonía



WORDCAMP
GRANADA 2018

Algunos datos sobre mí

Me encanta organizar el trabajo de forma que facilite la vida a la gente. Llevo más de 15 años elaborando estrategias sobre cómo usar las herramientas informáticas de mejor forma.

Ayudo a organizar la WordCamp y la meetup de WordPress de Sevilla.

Soy de Triana, Sevilla, me gusta leer y la cultura en general.

Esta presentación



Docker

Kubernetes

WordPress

HTML,
CSS, JS

¿Por qué Docker?

Universo Docker

— — —

Docker Enterprise

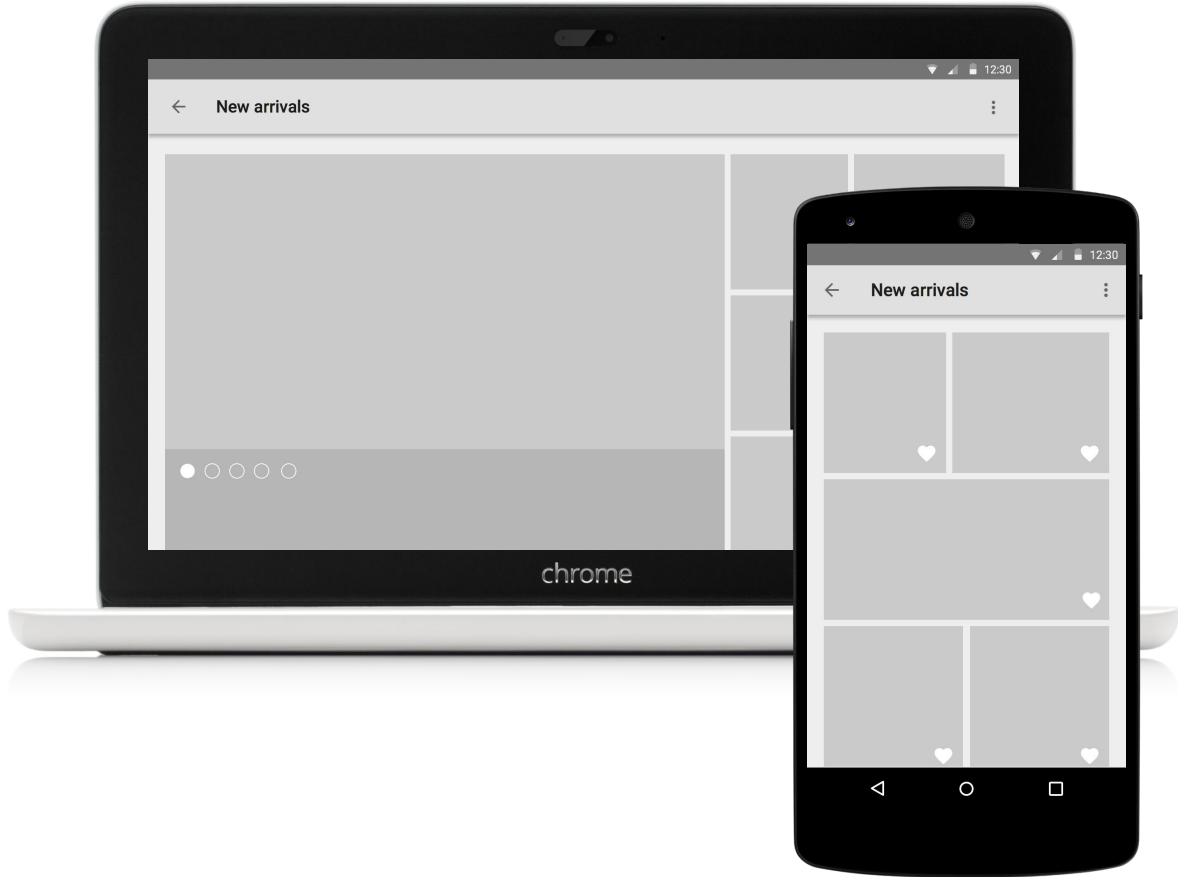
Docker Desktop

Docker Engine

Docker Hub

Swarm

KUBERNETES



Instalación de Docker en Bitnami



WordPress

★★★★☆ 4.3 (77 ratings)

www.wordpress.org

Updated

19 days ago

Version

4.9.8

DEPLOYMENT OFFERING



BITNAMI WORDPRESS STACK INSTALLERS

Bitnami native installers automate the setup of a Bitnami application stack on Windows, Mac OS and Linux. Each installer includes all of the software necessary to run out of the box (the stack). The process is simple; just download, click next-next-next and you are done!

- ✔ Try, test and work with the application in your local environment
- ✔ Our installers are self contained. They don't interfere with other software on your system

Do you want to move to the cloud? Check our [Single-Tier](#) assets and [Multi-Tier templates](#).

ADDITIONAL RESOURCES

- [Documentation](#)
- [Application credentials](#)
- [Readme](#)
- [Changelog](#)
- [Support](#)

DOWNLOAD INSTALLERS FOR BITNAMI WORDPRESS STACK

Download for Windows

4.9.8-2 [Checksum](#)

Download for OS X 64-bit

Download for OS X VM 64-bit

4.9.8-2 Checksums: [64-bit](#) / [VM 64-bit](#)

Download for Linux 64-bit

4.9.8-2 [Checksum](#)



Kubernetes como orquestador de contenedores



Instalación

Google Cloud, Amazon Web Services, Azure
y Minikube

La infraestructura de Kubernetes

Estructura

Nodos

Namespaces

Quotas

Pods

Controladores

Servicios

Objetos beta y alpha

Etiquetas y selectores



Setup

Picking the Right Solution

- ▶ [Downloading Kubernetes](#)
- ▶ [Bootstrapping Clusters with kubeadm](#)
- ▶ [Turnkey Cloud Solutions](#)
- ▶ [Custom Cloud Solutions](#)
- ▶ [On-Premises VMs](#)

Building Large Clusters

Running in Multiple Zones

CRI Installation

Creating a Custom Cluster from Scratch

Installing Kubernetes with Digital Rebar
Provision (DRP) via KRIB

PKI Certificates and Requirements

[Running Kubernetes Locally via Minikube](#)

Validate Node Setup

Running Kubernetes Locally via Minikube

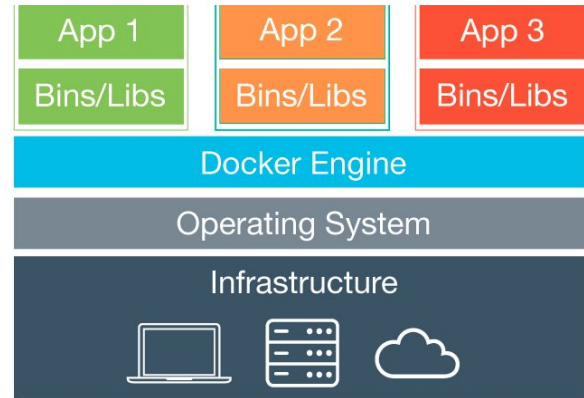
Minikube is a tool that makes it easy to run Kubernetes locally. Minikube runs a single-node Kubernetes cluster inside a VM on your laptop for users looking to try out Kubernetes or develop with it day-to-day.

- [Minikube Features](#)
- [Installation](#)
- [Quickstart](#)
- [Managing your Cluster](#)
- [Interacting with Your Cluster](#)
- [Networking](#)
- [Persistent Volumes](#)
- [Mounted Host Folders](#)
- [Private Container Registries](#)
- [Add-ons](#)
- [Using Minikube with an HTTP Proxy](#)
- [Known Issues](#)
- [Design](#)
- [Additional Links](#)
- [Community](#)

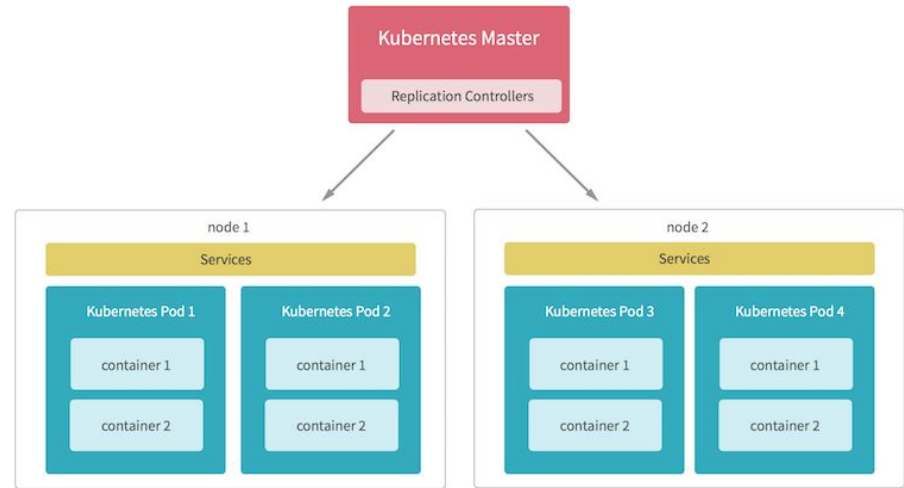
Minikube Features

- Minikube supports Kubernetes features such as:
 - DNS
 - NodePorts
 - ConfigMaps and Secrets
 - Dashboards

Estructura de Docker



Estructura de Kubernetes



WordPress

en un pod de Kubernetes

Aprender más

KATACODA

<https://www.katacoda.com/>

Kubernetes para
administradores IT esencial

<https://www.linkedin.com/learning/kubernetes-para-administradores-it-esencial>

Curso de Kubernetes básico

<https://openwebinars.net/cursos/kubernetes/>

Contacto

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