

Does Travis work for me? TeamCity? Is it really a CI? DevOps Enthusiastic Scrum Master

"No existen herramientas perfectas. A nivel profesional, como desarrolladores de software, elegimos herramientas que nos acomodan o aquellas con la que estamos familiarizados."

9M **Archivos** fuente

30K Desarrolladores

60K Commits por día

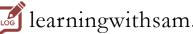
4M Builds por día

Líneas de código

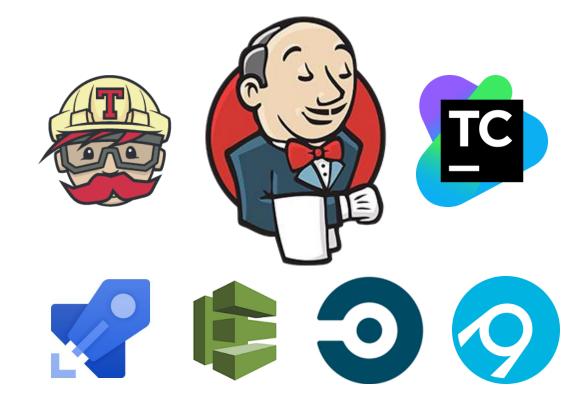
500M Casos de prueba

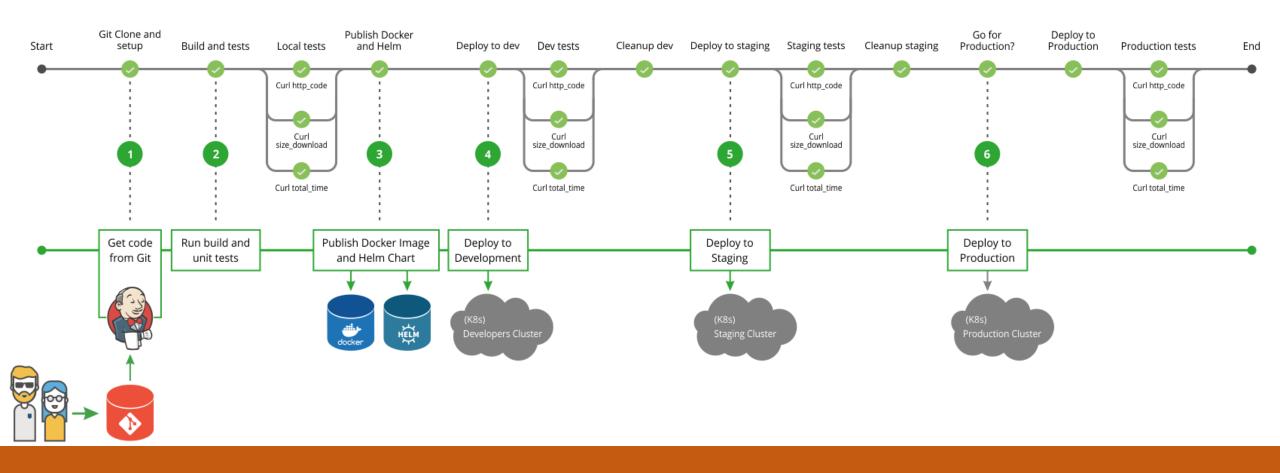
20K Revisiones de código

CloudBees. (17 de julio, 2019). Stats at @Google. 4m builds per day, 500m test cases today. #swampup [Tweet]. Recuperado de https://twitter.com/CloudBees/status/997170885487484928



What is CONTINUOUS INTEGRATION?





"A **pipeline** is a series of ordered steps where each one carries out a specific task toward complete the process of integrating any developer's changes into the main repository."





Travis CI

TeamCity

Jenkins

Free

Fast up and running

YAML pipelines

Linux & macOS

GitHub Integration

Not on-premise

Free

Requiere configuración

UI pipelines

Windows, Linux, macOS

Plugins de integración

On-premise

Open source

Requiere configuración

Groovy pipelines

Windows, Linux, macOS

Plugins de integración

On-premise



Travis CI

No flexible

No extensible

Free for open source



TeamCity

Flexible

Extensible

Limited free edition



Jenkins

Flexible

Extensible

Totally free

Built for every team

Set up your first project in just one minute. Your first 100 builds are free! No credit card required.

\$69

PER MONTH

Bootstrap

IDEAL FOR HOBBY PROJECTS

- 1 Concurrent job
- Unlimited build minutes
- √ Unlimited repositories
- √ Unlimited collaborators

\$129

PER MONTH

Startup

BEST FOR SMALL TEAMS

- 2 Concurrent jobs
- Unlimited build minutes
- ✓ Unlimited repositories
- ✓ Unlimited collaborators

Start Trial

\$249

PER MONTH

Small Business

GREAT FOR GROWING TEAMS

- 5 Concurrent jobs
- Unlimited build minutes
- √ Unlimited repositories
- √ Unlimited collaborators

\$489

PER MONTH

Premium

PERFECT FOR LARGER TEAMS

10 Concurrent jobs

- Unlimited build minutes
- √ Unlimited repositories
- √ Unlimited collaborators

ALL PRICES SHOWN IN USD

```
install: true
     mono: none
     dotnet: 2.1.502
     addons:
       sonarcloud:
           organization: "controlme"
     jobs:
       include:
          - stage: code_analysis
10
            script:
11

    sonar-scanner

          - stage: build
13
14
            script:

    cd ControlMe.WebApi

15
              - dotnet clean
16
17
              - dotnet restore
              - dotnet build --configuration Release --no-restore
18
19
          - stage: deploy
20
            script: skip
            deploy:
              provider: azure_web_apps
23
              verbose: true
24
              on:
                  all branches: true
```

language: csharp

YAML

in linkedin.com/in/samuelluciano | is learningwithsam.com | is sa.lassis@gmail.com

Download

Getting started with Jenkins

The Jenkins project produces two release lines, LTS and weekly. Depending on your organization's needs, one may be preferred over the other.

Both release lines are distributed as .war files, native packages, installers, and Docker containers. Packages with the 🕸 gear icon are maintained by third parties.

Long-term Support (LTS)

LTS (Long-Term Support) releases are chosen every 12 weeks from the stream of regular releases as the stable release for that time period. Learn more...

Changelog | Upgrade Guide | Past Releases

Deploy Jenkins 2.176.2



Download Jenkins 2.176.2 for:

Docker
FreeBSD
Gentoo 🕸
Mac OS X
OpenBSD 😘
openSUSE
Red Hat/Fedora/CentOS
Ubuntu/Debian
Windows
Generic Java package (.war)

Weekly

A new release is produced weekly to deliver bug fixes and features to users and plugin developers.

Changelog | Past Releases

■ Download Jenkins 2.187 for:

Arch Li	inux 🍇
Docker	r
FreeBS	SD 🕸
Gentoo) 🕸
Mac O	SX
OpenB	SD &
openS	USE
Red Ha	at/Fedora/CentOS
Ubuntu	ı/Debian
OpenIr	ndiana Hipster 🐐
Windo	WS
Generi	c Java package (.war)

```
pipeline{
          agent any
          environment {
              WORKING_BRANCH = "${env.BRANCH_NAME.split('/')[1]}"
              SLOT_CREATED = false
          stages{
              stage("code_analysis"){
                  steps{
10 -
                      script{
                           echo "${WORKING_BRANCH}"
11
                           sh 'sonar-scanner'
12
13
14
15
16 +
              stage("build"){ ···
26
27 ±
              stage("unit_test"){ ···
35
              stage("deployment"){ …
36 +
53
              stage("tests"){ ···
54 ±
68
69
70 +
          post{ ···
78
79
```

GROOVY



Tools

Languages

Solutions

Support

Company

Store



TeamCity

What's New 2019.1

Features

Docs & Demos

Plugins

Licensing & Upgrade

Get TeamCity

Buy TeamCity

Dominican Republic

New license Renewal Upgrade build agents pack FAQ

Professional server license

- 100 build configurations 2017.2+
- · full access to all product features
- · support via forum and issue tracker
- · 3 build agents

Free

Download

Build Agent License

- · connects 1 additional build agent
- · adds 10 additional build configurations

US \$299.00

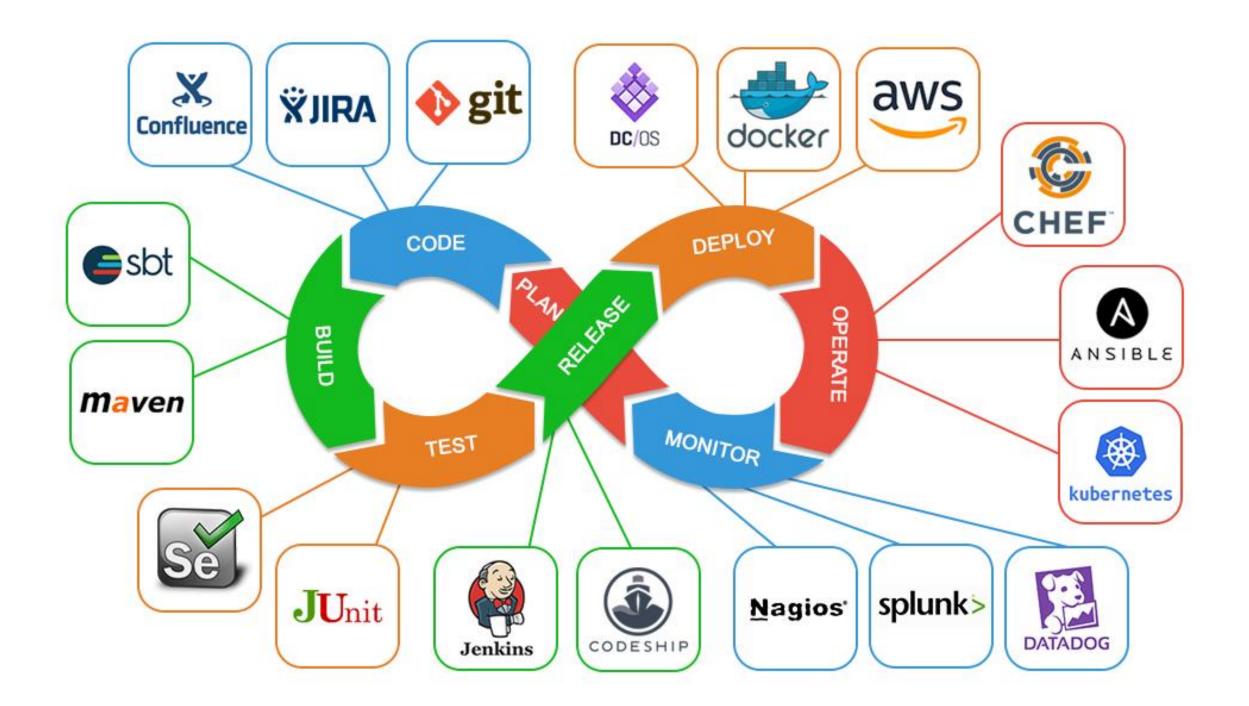
Buy now

Get quote

```
import jetbrains.buildServer.configs.kotlin.v2018_2.*
     object FeaturesPipeline : BuildType({
          name = "Features Pipeline"
          params {
 8
              param("teamcity.tool.NuGet.CommandLine.DEFAULT", "%")
10
11
          vcs {
12
              root(ControlMeGitHub)
13
14
15
              cleanCheckout = true
              branchFilter = "+:testing*"
16
              excludeDefaultBranchChanges = true
17
18
          steps {
19
              step { ···
20 🛨
24
              step { ···
25 🛨
32
33 🖽
              step { ···
42
43 🛨
              step { ···
53
54 🖽
              step { ···
60
61
          triggers {
62
              trigger {
63
                  type = "vcsTrigger"
64
65
66
67
```

Kotlin DSL

package Self.buildTypes



Muchas gracias! Alguna pregunta?



