

Instalacion de CI con jenkins y github

Docker

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	busy_pasteur 3ac1719b24ce	jenkins/jenkins:latest	Running	5000:5000 8080:8080	28 minutes ago	

Jenkins

The screenshot shows the Jenkins project overview for 'ci_test'. It includes a sidebar with options like 'Estado Actual', 'Cambios', 'Zona de Trabajo', 'Construir ahora', 'Configurar', 'Borrar Proyecto', 'GitHub Hook Log', and 'Rename'. The main area displays 'Enlaces permanentes' with several links related to the last build. Below that is a 'Historia de tareas' section showing three builds: #3 (18 nov. 2022 18:05), #2 (18 nov. 2022 18:03), and #1 (18 nov. 2022 18:02). At the bottom, there are two collapsed sections: 'Atom feed Para Todos' and 'Atom feed para los errores'.

Configuración de job con FREE PROYECT STYLE

Disparadores de ejecuciones

- Lanzar ejecuciones remotas (ejem: desde 'scripts')
- Construir tras otros proyectos
- Ejecutar periódicamente
- GitHub Branches
- GitHub Pull Requests
- GitHub hook trigger for GITScm polling
- Consultar repositorio (SCM)

Entorno de ejecución

- Delete workspace before build starts
- Use secret text(s) or file(s)
- Abortar la ejecución si se atasca
- Add timestamps to the Console Output
- Inspect build log for published build scans
- With Ant

Configurar el origen del código fuente

Google Translate

Ninguno

Git

Repositories

Repository URL

https://github.com/wowblast/ci_test.git

Credentials

- none -

Entorno de ejecución

- Delete workspace before build starts
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Build Steps

Ejecutar líneas de comandos (shell)

Comando

Visualizar la lista de variables de entorno disponibles

```
more README.md
```

Panel de Control > ci_test > #3

Google Translate

Estatus

Cambios

Console Output

- View as plain text
- Editar información de la ejecución
- Delete build '#3'
- Logs de polling
- Git Build Data
- Ejecución previa

Timestamps [View as plain text](#)

- System clock time
- Use browser timezone
- Elapsed time
- None

```

14:05:34 Started by GitHub push by wowblast
14:05:34 Running as SYSTEM
14:05:34 Building in workspace /var/jenkins_home/workspace/ci_test
14:05:34 The recommended git tool is: NONE
14:05:34 No credentials specified
14:05:34 > git rev-parse --resolve-git-dir /var/jenkins_home/workspace/ci_test/.git # timeout=10
14:05:34 Fetching changes from the remote Git repository
14:05:34 > git config remote.origin.url https://github.com/wowblast/ci_test.git # timeout=10
14:05:34 Fetching upstream changes from https://github.com/wowblast/ci_test.git
14:05:34 > git --version # timeout=10
14:05:34 > git version 2.30.2'
14:05:34 > git fetch --tags --force --progress -- https://github.com/wowblast/ci_test.git +refs/heads/*:refs/remotes/origin/* # timeout=10
14:05:36 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
14:05:36 Checking out Revision fb2230df5e76603f90560511ab7259030c08ebc (refs/remotes/origin/main)
14:05:36 > git config core.sparsecheckout # timeout=10
14:05:36 > git checkout -f fb2230df5e76603f90560511ab7259030c08ebc # timeout=10
14:05:36 Commit message: "Add new readme"
14:05:36 > git rev-list --no-walk 3f303ce34f6550d02f97efd752bfd32647be88f3 # timeout=10
14:05:36 [ci_test] $ /bin/sh -xe /tmp/jenkins13225105340626405005.sh
14:05:36 + more README.md
14:05:36 ::::::::::::::::::::
14:05:36 README.md
14:05:36 ::::::::::::::::::::
14:05:36 # ci_test test de CI Finished: SUCCESS

```

Github

main · 1 branch · 0 tags

Go to file Add file

wowblast Add new readme · 22 minutes ago · 4 commits

README.md · Add new readme · 22 minutes ago

README.md

ci_test test de CI

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets

Integrations

GitHub apps

Email notifications

Webhooks / Manage webhook

Settings Recent Deliveries

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in our developer documentation.

Payload URL *

Content type

Secret

SSL verification

By default, we verify SSL certificates when delivering payloads.

Enable SSL verification Disable (not recommended)

Which events would you like to trigger this webhook?

Just the push event.

Send me everything.

Let me select individual events.

Se utilizo Ngrok para la conexión entre local jenkins y github

```
ngrok
(Ctrl+C to quit)

Add Okta or Azure to protect your ngrok dashboard with SSO: https://ngrok.com/dashsso

Session Status      online
Account            jhon rivero (Plan: Free)
Version            3.1.0
Region             South America (sa)
Latency            88ms
Web Interface     http://127.0.0.1:4040
Forwarding         https://384f-186-121-194-235.sa.ngrok.io -> http://localhost:8080

Connections        ttl     opn     rt1     rt5     p50     p90
                   144     0     0.00    0.00    0.26   30.48

HTTP Requests
-----
POST /github-webhook/                      200 OK
POST /github-webhook/                      200 OK
POST /github-webhook/                      200 OK
GET  /static/d6716e65/images/rage.svg       200 OK
GET  /github-webhook/                      405 Method Not Allowed
GET  /github-webhook/                      405 Method Not Allowed
POST /github-webhook/                      200 OK
POST /ajaxExecutors                       200 OK
POST /ajaxBuildQueue                      200 OK
GET  /adjuncts/d6716e65/hudson/model/View/screen-resolution.js 200 OK
```

Configuración de jenkins con jenkinsfile en el repositorio

Pipeline configs

Do not allow concurrent builds

Do not allow the pipeline to resume if the controller restarts

Esta ejecución debe parametrizarse ?

GitHub project

Project url ?

https://github.com/wowblast/ci_test.git/

Avanzado...

Pipeline speed/durability override ?

Preserve stashes from completed builds ?

Throttle builds ?

Build Triggers

- Construir tras otros proyectos ?
- Ejecutar periódicamente ?
- GitHub Branches
- GitHub Pull Requests ?
- GitHub hook trigger for GITScm polling ?
- Consultar repositorio (SCM) ?
- Periodo de espera ?
- Lanzar ejecuciones remotas (ejem: desde 'scripts') ?

Definition

Google Translate

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/wowblast/ci_test.git

Credentials ?

- none -

+ Add

Avanzado...

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Add Branch

Activar Windows

Script Path ?
helloworld/Jenkinsfile

Lightweight checkout ?

Pipeline Syntax

Guardar **Apply**

Repositorio de prueba

https://github.com/wowblast/ci_test

main ▾ ci_test / helloworld / Jenkinsfile

wowblast Add test file

1 contributor

10 lines (10 sloc) | 160 Bytes

```
1 pipeline {  
2     agent any  
3     stages {  
4         stage('hello') {  
5             steps {  
6                 echo 'hellow world'  
7             }  
8         }  
9     }  
10 }
```

—

[View as plain text](#)

[Edit Build Information](#)

[Delete build '#5'](#)

[Logs de polling](#)

[Git Build Data](#)

[Restart from Stage](#)

[Replay](#)

[Pipeline Steps](#)

[Workspaces](#)

[Previous Build](#)

```
Obtained helloworld/Jenkinsfile from git https://github.com/wowblast/ci_test.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/externalCI
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/jenkins_home/workspace/externalCI/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/wowblast/ci_test.git # timeout=10
Fetching upstream changes from https://github.com/wowblast/ci_test.git
> git --version # timeout=10
> git --version # 'git version 2.30.2'
> git fetch --tags --force --progress -- https://github.com/wowblast/ci_test.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 20745a2587af12f986f9b1209568293a8aac3df6 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 20745a2587af12f986f9b1209568293a8aac3df6 # timeout=10
Commit message: "Delete pipeline"
> git rev-list --no-walk aca019732dcdc509f2e133dd26c6af15c3c86e4 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (hello)
[Pipeline] echo
hello world
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```