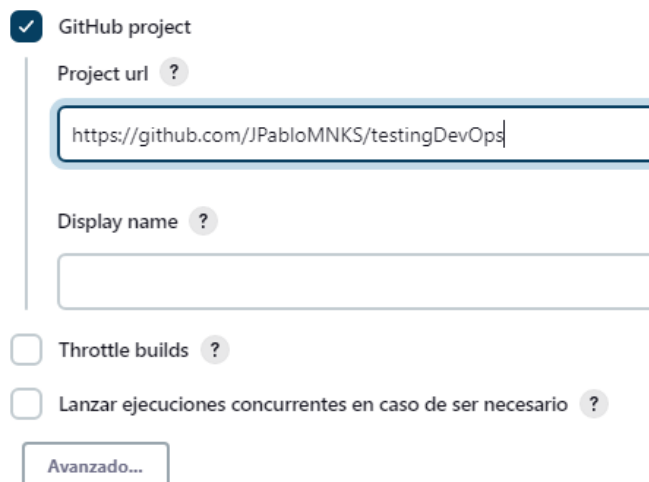


JENKINS DOCKER AND GITHUB HOMEWORK

To make this assignment first we need to install docker desktop and later we find the Jenkins image to run it on docker, later we are going install the plugin needed to work with GitHub and NodeJS.



The screenshot shows the Jenkins configuration page for a new project. The 'GitHub project' option is selected with a checked checkbox. Below it, the 'Project url' field is filled with 'https://github.com/JPabloMNKS/testingDevOps'. The 'Display name' field is empty. There are two unchecked checkboxes: 'Throttle builds' and 'Lanzar ejecuciones concurrentes en caso de ser necesario'. At the bottom, there is a button labeled 'Avanzado...'. Each field has a small question mark icon for help.

We going to make a new task and set the project URL in GitHub, that is going to be where we must take the JavaScript file to run it

Configurar el origen del código fuente



The screenshot shows the 'Configurar el origen del código fuente' section. The 'Git' option is selected with a radio button. Below it, the 'Repositories' section is expanded, showing a 'Repository URL' field filled with 'https://github.com/JPabloMNKS/testingDevOps.git'. There are question mark icons next to the 'Git' option and the 'Repository URL' field.

Also, we going to attach the source code URL

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Add Branch

Here we must set the branch that we want to be watch, in this case the main branch

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) ?

There we mark the github hook trigger

Entorno de ejecución

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

☒ Abortar la ejecución si se atasca

Estrategia de timeout ?

Absoluta

Tiempo máximo en minutos ?

1

Then set the max time if the application is not working

✓ Provide Node & npm bin/ folder to PATH

NodeJS Installation

Specify needed nodejs installation where npm installed

Nodel

npmrc file

- use system default -

Cache location

Default (~/.npm or %APP_DATA%\npm-cache)

Here is the NodeJS plug in
to work with and run the
JavaScript file in the
repository

✓ Salida de consola

```
12:23:33 Started by user admin
12:23:33 Running as SYSTEM
12:23:33 Building in workspace /var/jenkins_home/workspace/Homework_github
12:23:33 The recommended git tool is: NONE
12:23:33 No credentials specified
12:23:33 > git rev-parse --resolve-git-dir /var/jenkins_home/workspace/Homework_github/.git # timeout=10
12:23:33 Fetching changes from the remote Git repository
12:23:33 > git config remote.origin.url https://github.com/JPabloMNKS/testingDevOps.git # timeout=10
12:23:33 Fetching upstream changes from https://github.com/JPabloMNKS/testingDevOps.git
12:23:33 > git --version # timeout=10
12:23:34 > git --version # 'git version 2.30.2'
12:23:34 > git fetch --tags --force --progress -- https://github.com/JPabloMNKS/testingDevOps.git +refs/heads/*:refs/remotes/origin/* # timeout=10
12:23:34 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
12:23:34 Checking out Revision 2e85e826e946b2ce0fa8b4fa7d0cec093080a9fe (refs/remotes/origin/main)
12:23:34 > git config core.sparsecheckout # timeout=10
12:23:34 > git checkout -f 2e85e826e946b2ce0fa8b4fa7d0cec093080a9fe # timeout=10
12:23:34 Commit message: "Test"
12:23:34 > git rev-list --no-walk fbf619a4684354411145450ec7e0823da2c38964 # timeout=10
12:23:34 [Homework_github] $ /bin/sh -xe /tmp/jenkins12521800565004396713.sh
12:23:34 + node app.js
12:23:34 100
12:23:34 Finished: SUCCESS
```

Git Build Data

Revision: 2e85e826e946b2ce0fa8b4fa7d0cec093080a9fe

Repository: <https://github.com/JPabloMNKS/testingDevOps.git>

- refs/remotes/origin/main

Built Branches

- refs/remotes/origin/main: Build #9 of Revision 2e85e826e946b2ce0fa8b4fa7d0cec093080a9fe (refs/remotes/origin/main)