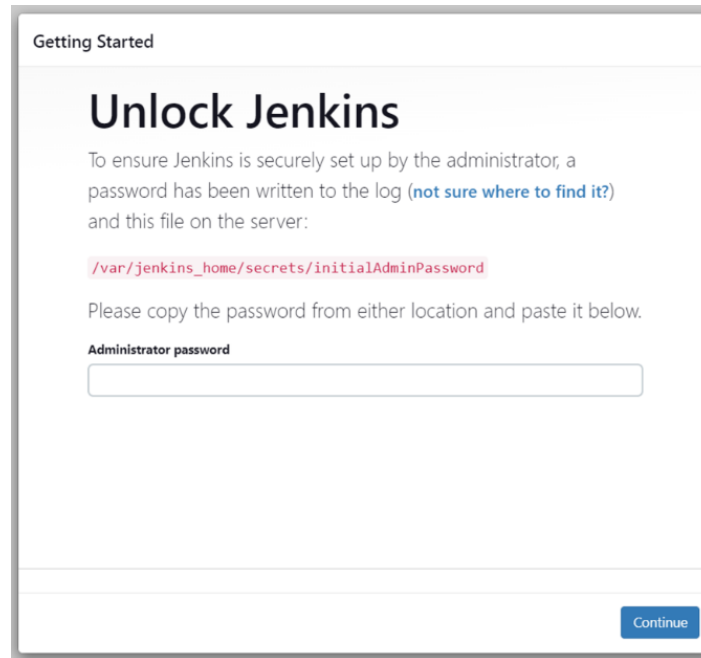


L



Inicialmente deberá especificar el texto que se encuentra dentro del archivo `~/jenkins/secrets/initialAdminPassword` **en el contenedor**

```
BE1UB@belenagullaryv MINGW64 ~/go/src/github.com/belenagullaryv/IngenieriaDeSoftware3/TP7 - Build Tes
$ docker exec -it jenkins-dotnet bash
jenkins@854df26c6ec6:/$ cd /var/jenkins_home/secrets
jenkins@854df26c6ec6:~/secrets$ cat initialAdminPassword
ed91f930b30244068ff3630520fd6ce9
jenkins@854df26c6ec6:~/secrets$
```

Instalar los plugins por defecto



Crear el usuario admin inicial. Colocar cualquier valor que considere adecuado.

Getting Started

Create First Admin User

Usuario

Contraseña

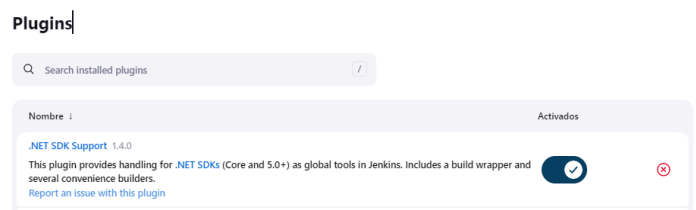
Confirma la contraseña

Nombre completo

Jenkins 2.414.2 [Skip and continue as admin](#) [Save and Continue](#)

2- Instalando Plugins y configurando herramientas

- En Administrar Jenkins vamos a la sección de Administrar Plugins
- De la lista de plugins disponibles instalamos .NET SDK Support
- Reiniciamos el servidor
- Abrir nuevamente página de Plugins y explorar la lista, para familiarizarse qué tipo de plugins hay disponibles.



3- Creando el primer Job de estilo libre

Crear un nuevo item, del tipo estilo libre con nombre **first-job**



Salida de consola

```
Started by user Belen Aguilar
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/first-job
[first-job] $ /bin/sh -xe /tmp/jenkins5560975835309125670.sh
+ date +%Y-%m-%d %H:%M:%S
+ current_datetime=2023-10-14 21:12:03
+ echo La fecha y hora actual es: 2023-10-14 21:12:03
La fecha y hora actual es: 2023-10-14 21:12:03
Finished: SUCCESS
```

A la salida de consola obtengo la fecha y la hora actual.

4- Creando el primer Pipeline Job

Pipeline

Definition

Pipeline script

Script

```
1 pipeline {
2   agent any
3
4   stages {
5     stage('Hello'){
6       steps{
7         echo 'Hello World'
8       }
9     }
10  }
11 }
```

Salida de consola

```
Started by user Belen Aguilar
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/hello-world
[Pipeline] {
[Pipeline] stage
[Pipeline] { Hello
[Pipeline] echo
Hello World
[Pipeline] }
[Pipeline] / stage
[Pipeline] }
[Pipeline] end of Pipeline
#Pipeline: SUCCESS
```

Step	Arguments	Status
Start of Pipeline - (0.4 Seg in block)		✓
node - (0.4 Seg in block)		✓
node block - (0.24 Seg in block)		✓
stage - (0.14 Seg in block)	Hello	✓
stage block (Hello) - (0.1 Seg in block)		✓
echo - (12 Ms in wall)	Hello World	✓

5- Creando un Pipeline Job con Git

Despues de intentos fallidos, modifiqué el script que nos había dado el profe ya que tuve problemas al ejecutar el pipeline. Utilizo **'checkout'** para obtener el codigo del repo.

✓ #1	15 oct 2023 21:29
✗ #2	15 oct 2023 21:28
✗ #1	15 oct 2023 21:28

Atom feed Para Todos Atom feed para los errores

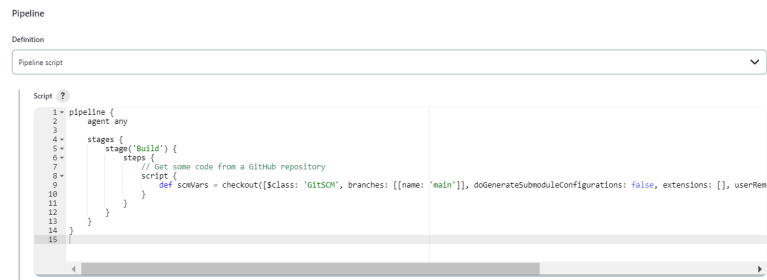
Este script de pipeline clona el repo Git de Github y revisa la última revisión de la rama principal (main).

```

pipeline {
    agent any

    stages {
        stage('Build') {
            steps {
                // Get some code from a GitHub repository
                script {
                    def scmVars = checkout([$class: 'GitSCM', branches: [[name: 'main']], doGenerateSubmoduleConfigurations: false, extensi
                }
            }
        }
    }
}

```



Salida de consola

```

Started by user Belen Aguilar
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/git
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] script
[Pipeline] script
[Pipeline] {
[Pipeline] checkout
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/ingsoft3ucc/SimpleWebAPI.git
> git init /var/jenkins_home/workspace/git # timeout=10
Fetching upstream changes from https://github.com/ingsoft3ucc/SimpleWebAPI.git
> git --version # timeout=10
> git --version # 'git version 2.39.2'
> git fetch --tags --force --progress -- https://github.com/ingsoft3ucc/SimpleWebAPI.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/ingsoft3ucc/SimpleWebAPI.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse origin/main^{commit} # timeout=10
Checking out Revision 8726ce58a1894af134cd12fcb7ecb38ad9444 (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 8726ce58a1894af134cd12fcb7ecb38ad9444 # timeout=10
Commit message: "Update WeatherForecastController.cs"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
    
```

Step	Arguments	Status
Start of Pipeline - (3.5 Seg in block)		✓
node - (2.2 Seg in block)		✓
node block - (2 Seg in block)		✓
stage - (1.9 Seg in block)	Build	✓
stage block (Build) - (1.8 Seg in block)		✓
script - (1.7 Seg in block)		✓
script block - (1.7 Seg in block)		✓
checkout - (1.6 Seg in self)		✓

6- Utilizando nuestros proyectos.

6.1- .NET Core

- Crear un Job de estilo libre llamado "**git-netcore-job**" que construya el proyecto en .NET Core del ejercicio 1 del TP 05.
- Configurar el Job para obtener el código desde el repositorio de cada alumno

```

Started by user Belen Aguilar
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/git-netcore-job
The recommended git tool is: NONE
using credential a9b8e68e-46e7-4855-ae81-6a9e6f0643d
> git rev-parse --resolve-git-dir /var/jenkins_home/workspace/git-netcore-job/.git # timeout=10
Fetching changes from the remote git repository
> git config remote.origin.url https://github.com/belenaguilarv/SimpleWebAPI # timeout=10
Fetching upstream changes from https://github.com/belenaguilarv/SimpleWebAPI
> git --version # timeout=10
> git --version # 'git version 2.39.2'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- https://github.com/belenaguilarv/SimpleWebAPI +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 776a32429a34ffdb0db175f3954ba48399ec08a1 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 776a32429a34ffdb0db175f3954ba48399ec08a1 # timeout=10
Commit message: "Add files via upload"
> git rev-list --no-walk 9884e8ee7dbdad4de8d80ef688fc275bdc5041 # timeout=10
[git-netcore-job] $ dotnet build SimpleWebAPI.sln
MSBuild version 17.7.3+8ec440e68 for .NET
Determining projects to restore...
Restored /var/jenkins_home/workspace/git-netcore-job/SimpleWebAPI/SimpleWebAPI.csproj (in 3.26 sec).
SimpleWebAPI -> /var/jenkins_home/workspace/git-netcore-job/SimpleWebAPI/bin/Debug/net7.0/SimpleWebAPI.dll

Build succeeded.
    0 Warning(s)
    0 Error(s)

Time Elapsed 00:00:07.44
.NET Command Completed - Exit Code: 0

[git-netcore-job] $ dotnet publish SimpleWebAPI.sln --self-contained false
MSBuild version 17.7.3+8ec440e68 for .NET
Determining projects to restore...
All projects are up-to-date for restore.
SimpleWebAPI -> /var/jenkins_home/workspace/git-netcore-job/SimpleWebAPI/bin/Debug/net7.0/SimpleWebAPI.dll
SimpleWebAPI -> /var/jenkins_home/workspace/git-netcore-job/SimpleWebAPI/bin/Debug/net7.0/publish/
.NET Command Completed - Exit Code: 0

Finished: SUCCESS

```

6.2- Monitorear Cambios en el repo de GitHub

```

BELU@belenaguilarv MINGW64 ~/go/src/github.com/belenaguilarv/SimpleWebAPI (main)
$ git add .

BELU@belenaguilarv MINGW64 ~/go/src/github.com/belenaguilarv/SimpleWebAPI (main)
$ git commit -m "Cambios en README"
[main c39dc41] Cambios en README
1 file changed, 3 insertions(+), 1 deletion(-)

BELU@belenaguilarv MINGW64 ~/go/src/github.com/belenaguilarv/SimpleWebAPI (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 307 bytes | 307.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/belenaguilarv/SimpleWebAPI.git
776a324..c39dc41 main -> main

```



Summary

1. Cambios en README ([details](#))

Commit [c39dc411aaf5e0c0ca99f6f7f65da01d8cea305a](#) by [belenaguilar](#)
Cambios en README

 [README.md \(diff\)](#)

6.3- Node.js

Repetir el ejercicio 6.1 para construir el proyecto del ejercicio 2 del TP 05.

[illegible]

```
my-app@0.1.0 build
> react-scripts build

Creating an optimized production build...
Browserslist: caniuse-lite is outdated. Please run:
npx update-browserslist-db@latest
  To see where this error comes from, check:
  https://github.com/browserslist/caniuse-lite
[0]Warning: [babel-plugin-proposal-private-property-in-object] package without declaring it in its dependencies. This is currently working because "babel-plugin-proposal-private-property-in-object" is already in your node_modules folder for unrelated reasons, but it might break at any time[Browserslist: caniuse-lite is outdated. Please run:
npx update-browserslist-db@latest
  To see where this error comes from, check:
  https://github.com/browserslist/caniuse-lite].

babel-preset-react-app is part of the create-react-app project, Browserslist does not maintain anymore[Browserslist: caniuse-lite is outdated. Please run:
npx update-browserslist-db@latest
  To see where this error comes from, check:
  https://github.com/browserslist/caniuse-lite]. It is thus unlikely that this bug will ever be fixed. Add "babel-plugin-proposal-private-property-in-object" to your dependencies to work around this error. This will make this message go away.[0]

Compiled successfully.

File sizes after gzip:

46.61 kB   build/static/js/main.46f9c8f5.js
1.78 kB    build/static/js/787.28cb8dcd.chunk.js
541 B      build/static/css/main.073c9b0a.css

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

npm install -g serve
serve -s build

Find out more about deployment here:

https://cra.link/deployment

Finished: SUCCESS
```

Git Build Data

Revision: 10c74f70ec246d4537f08f4cc0f28960f80cbafc

Repository: <https://github.com/belenaguilarv/my-app>

- refs/remotes/origin/main

Built Branches

- [refs/remotes/origin/main](#): Build #3 of Revision 10c74f70ec246d4537f08f4cc0f28960f80cba9c ([refs/remotes/origin/main](#))