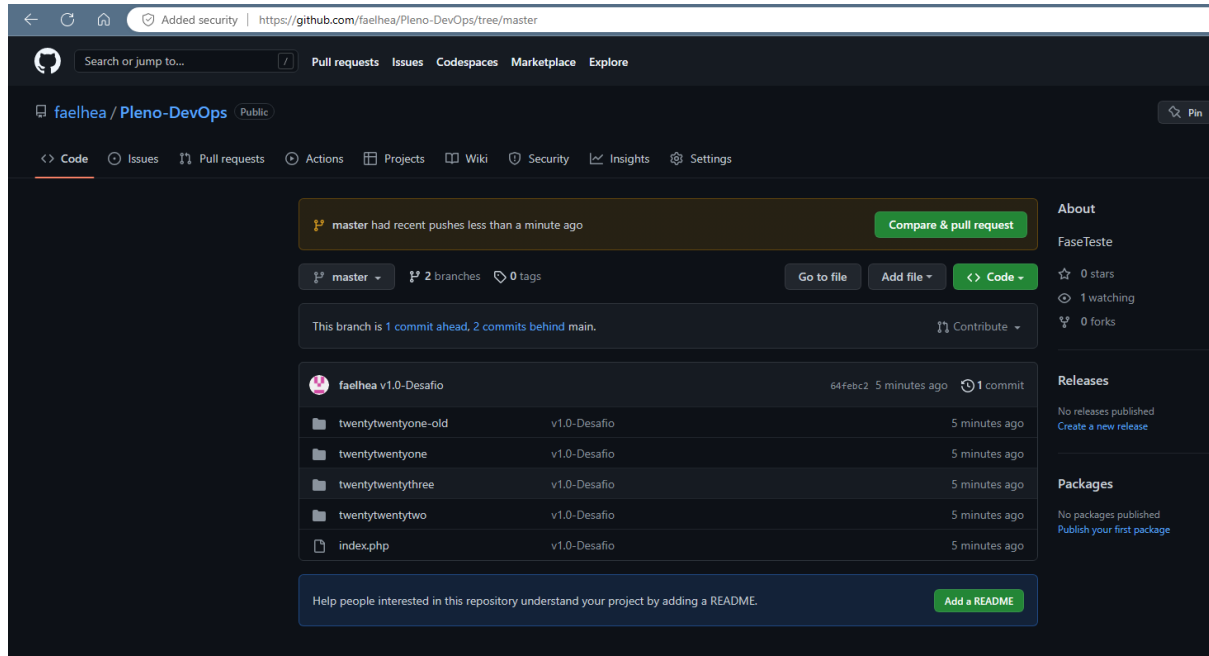


Vaga Analista de Sistemas Pleno/DevOps - Rafael

Foi criado um repositório no GitHub



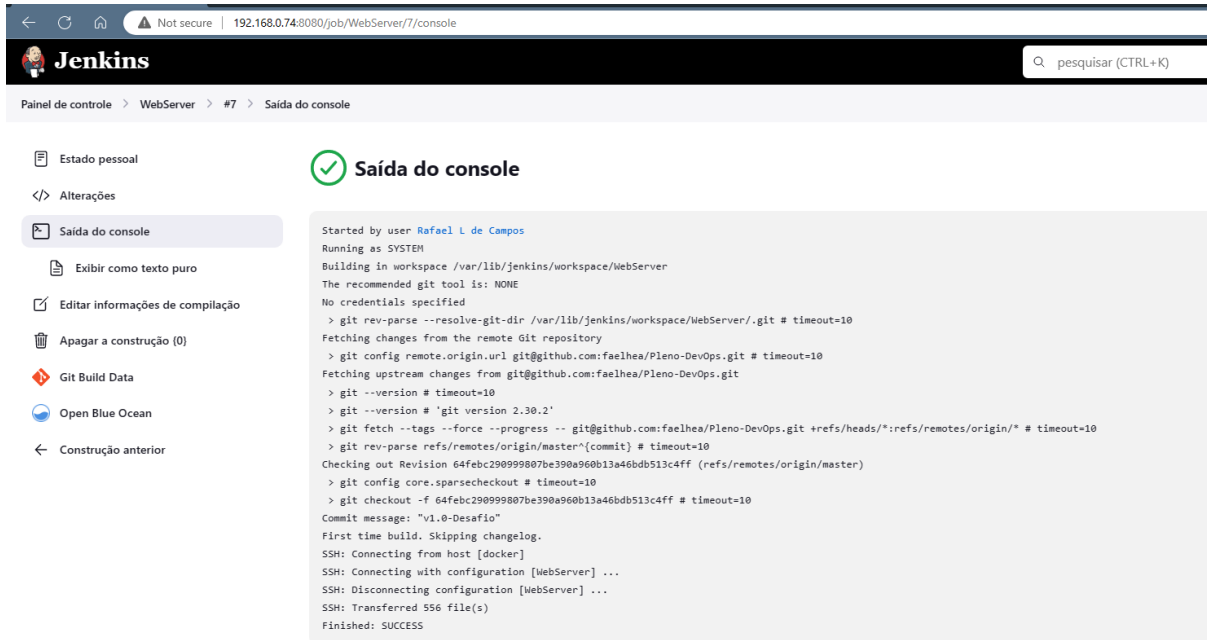
Realizado o primeiro push e criado a branch “master”

```
rafael@docker: ~  
jenkins@docker:/var/www/html/wp-content/themes$ git log --oneline  
64feb2 (HEAD -> master, origin/master) v1.0-Desafio  
jenkins@docker:/var/www/html/wp-content/themes$
```

Configurado a pasta Themes

```
jenkins@docker:/var/www/html/wp-content/themes$ ls -lt --color  
total 24  
drwxr-xr-x 3 jenkins jenkins 4096 Mar 10 10:48 Pleno-DevOps  
drwxr-xr-x 6 jenkins jenkins 4096 Mar 10 10:36 twentytwentyone-old  
drwxrwxr-x 6 www-data www-data 4096 Nov 15 14:03 twentytwentyone  
drwxrwxr-x 7 www-data www-data 4096 Nov 15 14:03 twentytwentythree  
drwxrwxr-x 7 www-data www-data 4096 Nov 15 14:03 twentytwentytwo  
-rwxrwxr-x 1 www-data www-data 28 Jun 5 2014 index.php  
jenkins@docker:/var/www/html/wp-content/themes$
```

Realizado o teste das configurações do Jenkins com o Repositório



The screenshot shows the Jenkins web interface. The breadcrumb navigation indicates the path: Painel de controle > WebServer > #7 > Saída do console. The left sidebar contains a menu with options: Estado pessoal, Alterações, Saída do console (selected), Exibir como texto puro, Editar informações de compilação, Apagar a construção (0), Git Build Data, Open Blue Ocean, and Construção anterior. The main area displays the console output for build #7, titled 'Saída do console' with a green checkmark icon. The output text is as follows:

```
Started by user Rafael L de Campos
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/WebServer
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/WebServer/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url git@github.com:faelhea/Pleno-DevOps.git # timeout=10
Fetching upstream changes from git@github.com:faelhea/Pleno-DevOps.git
> git --version # timeout=10
> git --version # 'git version 2.30.2'
> git fetch --tags --force --progress -- git@github.com:faelhea/Pleno-DevOps.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 64feb290999807be390a960b13a46db513c4ff (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 64feb290999807be390a960b13a46db513c4ff # timeout=10
Commit message: "v1.0-Desafio"
First time build. Skipping changelog.
SSH: Connecting from host [docker]
SSH: Connecting with configuration [WebServer] ...
SSH: Disconnecting configuration [WebServer] ...
SSH: Transferred 556 file(s)
Finished: SUCCESS
```

Validando a integração!

Diretório simulado para desenvolvedor remoto.

```
jenkins@docker:~/git/Pleno-DevOps$ cd ..
jenkins@docker:~/git$ ls
novo Pleno-DevOps worpress
jenkins@docker:~/git$ rm -rf Pleno-DevOps
jenkins@docker:~/git$ git clone -b master git@github.com:faelhea/Pleno-DevOps.git
Cloning into 'Pleno-DevOps'...
remote: Enumerating objects: 445, done.
remote: Counting objects: 100% (445/445), done.
remote: Compressing objects: 100% (355/355), done.
remote: Total 445 (delta 78), reused 439 (delta 78), pack-reused 0
Receiving objects: 100% (445/445), 7.22 MiB | 6.72 MiB/s, done.
Resolving deltas: 100% (78/78), done.
jenkins@docker:~/git$
jenkins@docker:~/git$ cd Pleno-DevOps/
jenkins@docker:~/git/Pleno-DevOps$ pwd
/var/lib/jenkins/git/Pleno-DevOps
jenkins@docker:~/git/Pleno-DevOps$
```

Clone realizado do GitHub com sucesso.

```
jenkins@docker:~/git/Pleno-DevOps$ ls -lt --color
total 20
drwxr-xr-x 7 jenkins jenkins 4096 Mar 10 11:10 twentytwentythree
drwxr-xr-x 7 jenkins jenkins 4096 Mar 10 11:10 twentytwentytwo
drwxr-xr-x 6 jenkins jenkins 4096 Mar 10 11:10 twentytwentyone
drwxr-xr-x 6 jenkins jenkins 4096 Mar 10 11:10 twentytwentyone-old
-rwxr-xr-x 1 jenkins jenkins  28 Mar 10 11:10 index.php
jenkins@docker:~/git/Pleno-DevOps$
```

Validando que a alteração realizado no diretório de desenvolvimento não afetou o servidor web.

```
rafael@docker: ~
jenkins@docker:~/git/Pleno-DevOps$ git log --oneline
9e53266 (HEAD -> master, origin/master) v1.1-Desafio
64febcb2 v1.0-Desafio
jenkins@docker:~/git/Pleno-DevOps$ cd twentytwentyone
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n1 readme.txt
#Colocando um comentario para deploy no git
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ echo "#Novo Comentario - teste" >> readme.txt
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n1 readme.txt
#Novo Comentario - teste
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n2 readme.txt
#Colocando um comentario para deploy no git
#Novo Comentario - teste
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ pwd
/var/lib/jenkins/git/Pleno-DevOps/twentytwentyone
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n1 /var/www/html/wp-content/themes/twentytwentyone/readme.txt
#Colocando um comentario para deploy no git
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n2 /var/www/html/wp-content/themes/twentytwentyone/readme.txt
#Colocando um comentario para deploy no git
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$
```

Realizado o push para o GitHub.

```
#Colocando um comentario para deploy no git
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   readme.txt

no changes added to commit (use "git add" and/or "git commit -a")
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ git add readme.txt
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ git commit -m "v1.1-Defasio"
[master cc9f3c0] v1.1-Defasio
 1 file changed, 1 insertion(+)
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

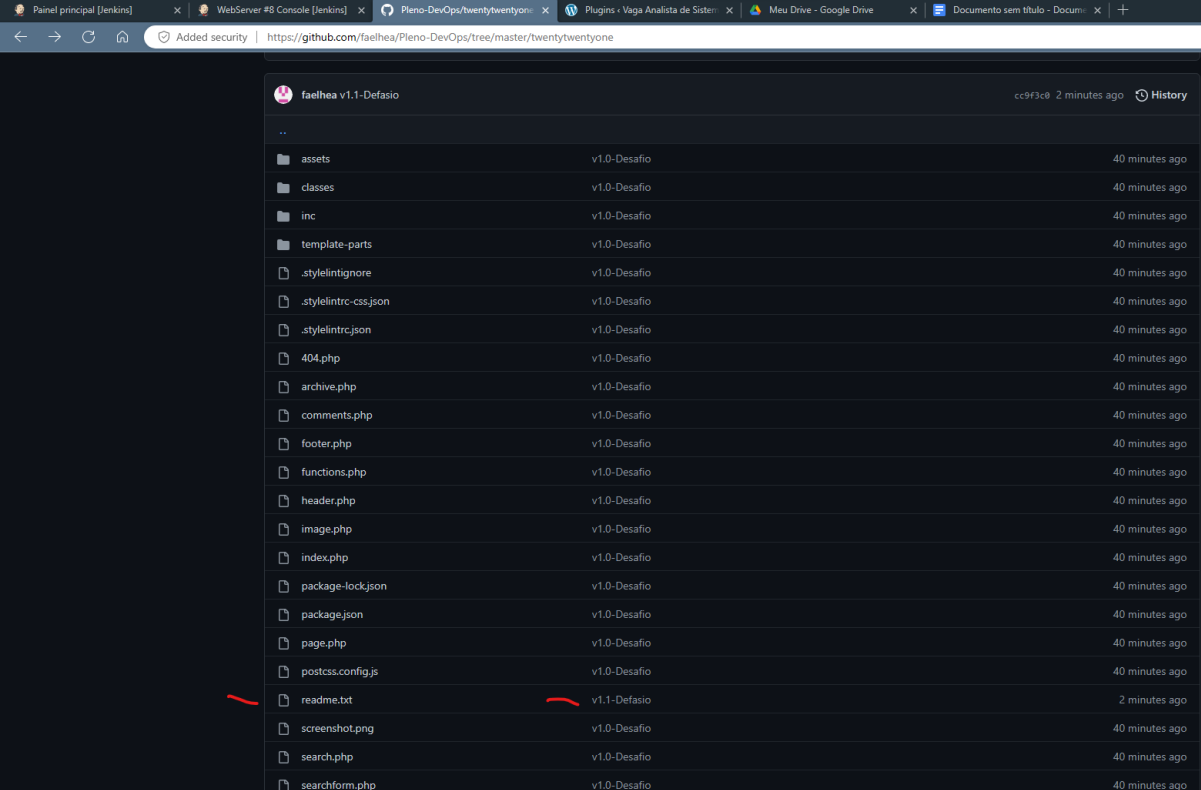
nothing to commit, working tree clean
```

Push realizado por linha de comando com sucesso.

```
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 372 bytes | 372.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To github.com:faelhea/Pleno-DevOps.git
   9e53266..cc9f3c0  master -> master
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$
```

GitHub validado o deploy por linha de comando.

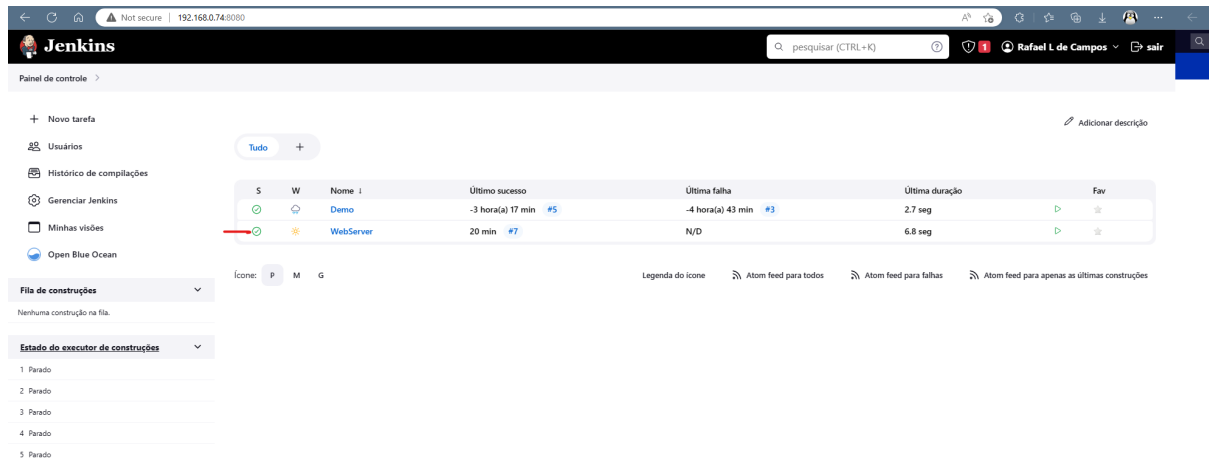
```
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ git log --oneline
cc9f3c0 (HEAD -> master, origin/master) v1.1-Desafio
9e53266 v1.1-Desafio
64febc2 v1.0-Desafio
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$
```



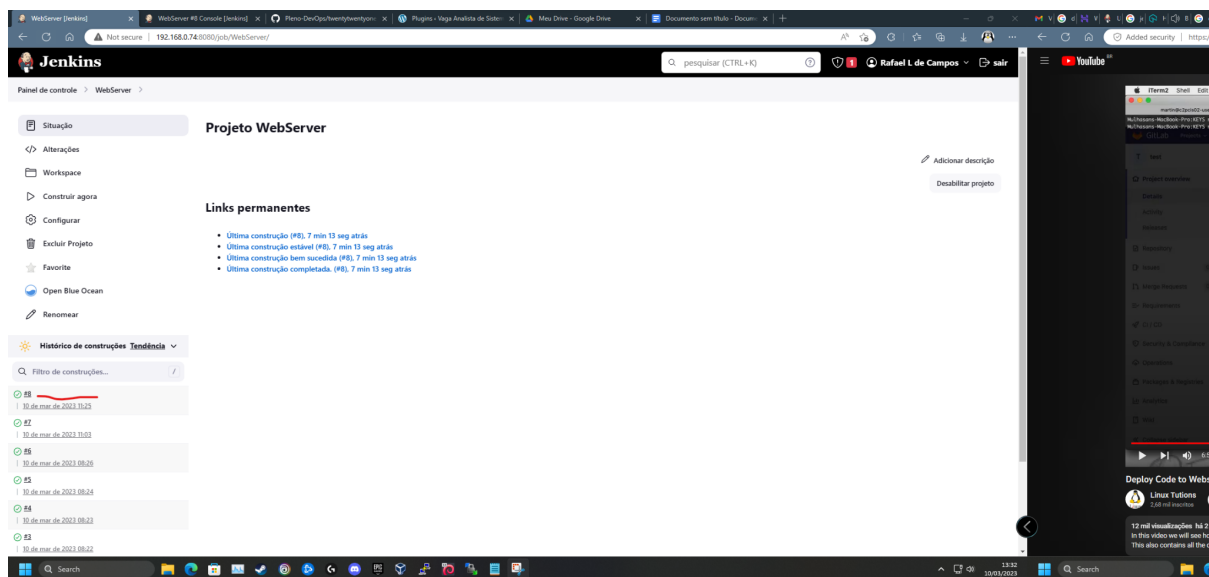
The screenshot shows the GitHub repository page for `faelhea/Pleno-DevOps/twentytwentyone`. The repository is at the `cc9f3c0` commit, updated 2 minutes ago. The file list shows the following files and their commit hashes:

File	Commit Hash	Time
assets	v1.0-Desafio	40 minutes ago
classes	v1.0-Desafio	40 minutes ago
inc	v1.0-Desafio	40 minutes ago
template-parts	v1.0-Desafio	40 minutes ago
.stylelintignore	v1.0-Desafio	40 minutes ago
.stylelintrc-css.json	v1.0-Desafio	40 minutes ago
.stylelintrc.json	v1.0-Desafio	40 minutes ago
404.php	v1.0-Desafio	40 minutes ago
archive.php	v1.0-Desafio	40 minutes ago
comments.php	v1.0-Desafio	40 minutes ago
footer.php	v1.0-Desafio	40 minutes ago
functions.php	v1.0-Desafio	40 minutes ago
header.php	v1.0-Desafio	40 minutes ago
image.php	v1.0-Desafio	40 minutes ago
index.php	v1.0-Desafio	40 minutes ago
package-lock.json	v1.0-Desafio	40 minutes ago
package.json	v1.0-Desafio	40 minutes ago
page.php	v1.0-Desafio	40 minutes ago
postcss.config.js	v1.0-Desafio	40 minutes ago
readme.txt	v1.1-Desafio	2 minutes ago
screenshot.png	v1.0-Desafio	40 minutes ago
search.php	v1.0-Desafio	40 minutes ago
searchform.php	v1.0-Desafio	40 minutes ago

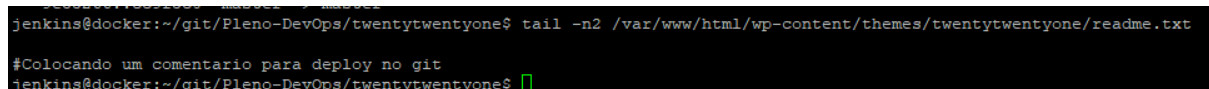
Foi criado uma tarefa no Jenkins para aplicar o deploy no servidor de produção.



Ultima tarefa, antes de execução real.



Ultima validação antes do Jenkins executar a tarefa.



A tarefa no Jenkins foi executada com sucesso.

Not secure | 192.168.0.74:8080/jenkins/

Jenkins

pesquisar (CTRL+K)

Painel de controle > WebServer >

Projeto WebServer

Situação

Alterações

Workspace

Construir agora

Configurar

Excluir Projeto

Favorite

Open Blue Ocean

Renomear

Adicionar descrição

Desabilitar projeto

Links permanentes

- Última construção (#8), 7 min 13 seg atrás
- Última construção estável (#8), 7 min 13 seg atrás
- Última construção bem sucedida (#8), 7 min 13 seg atrás
- Última construção completada (#8), 7 min 13 seg atrás

Histórico de construções Tendência

Filtro de construções...

- #8 10 de mar de 2023 11:35
- #8 10 de mar de 2023 11:25
- #7 10 de mar de 2023 11:03
- #5 10 de mar de 2023 08:26
- #5 10 de mar de 2023 08:24
- #4 10 de mar de 2023 08:23

Log da tarefa executada.

Jenkins

pesquisar (CTRL+K)

Painel de controle > WebServer > #9 > Saída do console

Saída do console

Estado pessoal

Alterações

Saída do console

Exibir como texto puro

Editar informações de compilação

Apagar a construção (0)

Git Build Data

Open Blue Ocean

Construção anterior

```
Started by user Rafael L de Campos
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/WebServer
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/WebServer/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url git@github.com:faelhea/Pleno-DevOps.git # timeout=10
Fetching upstream changes from git@github.com:faelhea/Pleno-DevOps.git
> git --version # timeout=10
> git --version # 'git version 2.30.2'
> git fetch --tags --force --progress -- git@github.com:faelhea/Pleno-DevOps.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision cc9f3c0276c17b20c72698a6dd1c1d95134a4be8 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f cc9f3c0276c17b20c72698a6dd1c1d95134a4be8 # timeout=10
Commit message: "v1.1-Defasiao"
> git rev-list --no-walk 9e5326692845e9f41ac7e50fbbcb97feab0fe8d # timeout=10
SSH: Connecting from host [docker]
SSH: Connecting with configuration [WebServer] ...
SSH: Disconnecting configuration [WebServer] ...
SSH: Transferred 556 file(s)
Finished: SUCCESS
```

Deploy realizado com sucesso.

```
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n2 /var/www/html/wp-content/themes/twentytwentyone/readme.txt
#Colocando um comentario para deploy no git
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$ tail -n2 /var/www/html/wp-content/themes/twentytwentyone/readme.txt
#Colocando um comentario para deploy no git
#Novo Comentario - teste
jenkins@docker:~/git/Pleno-DevOps/twentytwentyone$
```