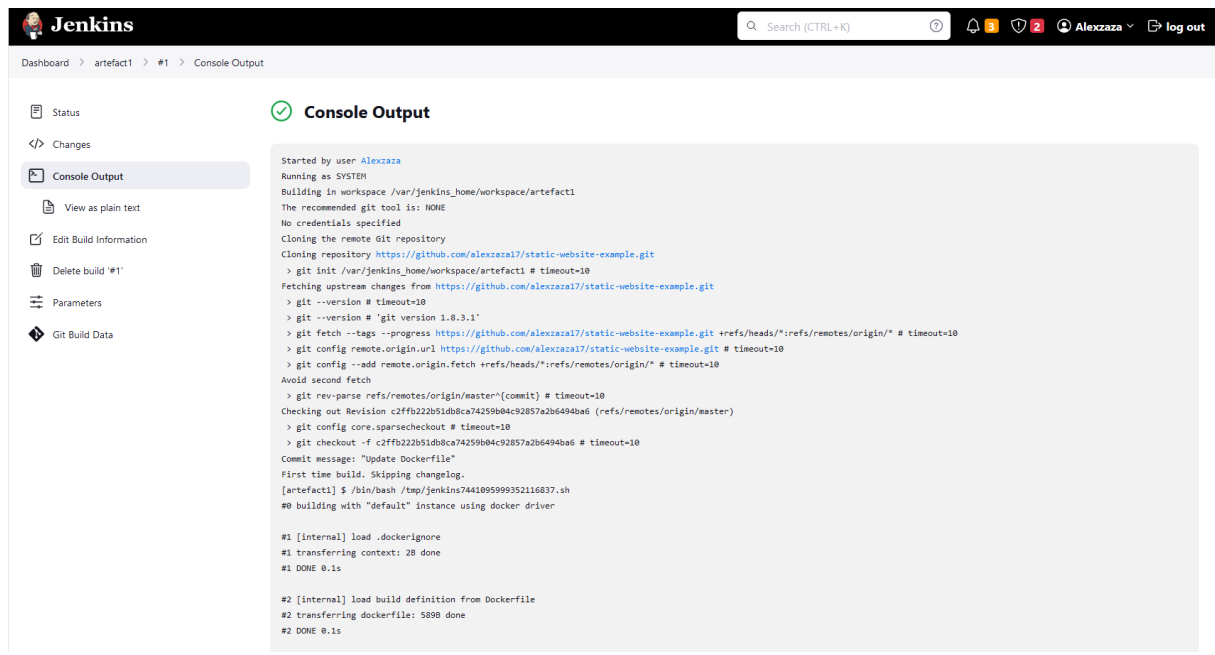


## Mini-projet-jenkins

Pour realiser ce projet jenkins nous avons tout a d abord ecrit le Dockerfile, ensuite ecrit le jenkinsfile.

Nous avons fait le test de build de l image, ensuite le test d acceptance, la release(push sur le Dockerhub), afin le deploy en staging(sur la plateforme d hebergement Heroku) le test prod et le test staging:

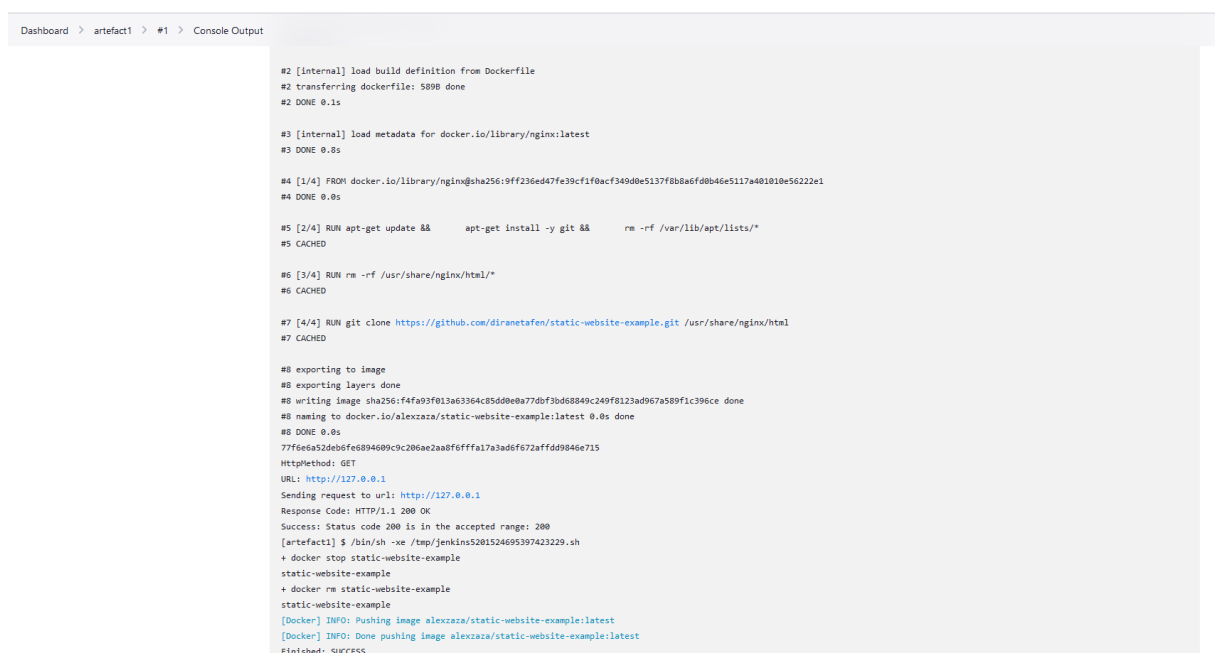


The screenshot shows the Jenkins web interface. The top navigation bar includes the Jenkins logo, a search bar, and user information (Alexzaza). The breadcrumb trail is Dashboard > artefact1 > #1 > Console Output. On the left sidebar, the 'Console Output' tab is selected. The main area displays the console output for build #1, which includes the following text:

```
Started by user Alexzaza
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/artefact1
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/alexzaza17/static-website-example.git
> git init /var/jenkins_home/workspace/artefact1 # timeout=10
Fetching upstream changes from https://github.com/alexzaza17/static-website-example.git
> git --version # timeout=10
> git --version # 'git version 1.8.3.1'
> git fetch --tags --progress https://github.com/alexzaza17/static-website-example.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/alexzaza17/static-website-example.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision c2ffb22b51db8ca74259b04c92857a2b6494ba6 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f c2ffb22b51db8ca74259b04c92857a2b6494ba6 # timeout=10
Commit message: "Update Dockerfile"
First time build. Skipping changelog.
[artefact1] $ /bin/bash /tmp/jenkins7441805099352116837.sh
#0 building with "default" instance using docker driver

#1 [internal] load .dockerignore
#1 transferring context: 28 done
#1 DONE 0.1s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 589B done
#2 DONE 0.1s
```



This block shows the continuation of the console output from the previous screenshot. The text continues as follows:

```
#3 [internal] load metadata for docker.io/library/nginx:latest
#3 DONE 0.0s

#4 [1/4] FROM docker.io/library/nginx@sha256:9ff236ed47fe39cf1f0acf349d0e5137f8b8a6fd0b46e5117a401010e56222e1
#4 DONE 0.0s

#5 [2/4] RUN apt-get update && apt-get install -y git && rm -rf /var/lib/apt/lists/*
#5 CACHED

#6 [3/4] RUN rm -rf /usr/share/nginx/html/*
#6 CACHED

#7 [4/4] RUN git clone https://github.com/diranetafen/static-website-example.git /usr/share/nginx/html
#7 CACHED

#8 exporting to image
#8 exporting layers done
#8 writing image sha256:f4fa93f013a63364c85d0bea77d0f3bd68849c249f8123ad967a589f1c396ce done
#8 naming to docker.io/alexzaza/static-website-example:latest 0.0s done
#8 DONE 0.0s
77f6e5a2deb0fe5894609c9c206ae2aa8f6fffa17a3ad6f672affd9846e715
HttpMethod: GET
URL: http://127.0.0.1
Sending request to url: http://127.0.0.1
Response Code: HTTP/1.1 200 OK
Success: Status code 200 is in the accepted range: 200
[artefact1] $ /bin/sh -xe /tmp/jenkins5201524695397423229.sh
+ docker stop static-website-example
static-website-example
+ docker rm static-website-example
static-website-example
[Docker] INFO: Pushing image alexzaza/static-website-example:latest
[Docker] INFO: Done pushing image alexzaza/static-website-example:latest
Finished: SUCCESS
```

Dashboard > static-website >

status

static-website

Changes
Build Now
Configure
Delete Pipeline
Full Stage View
GitHub
Favorite
Open Blue Ocean
Rename

Add description
Disable Project

Stage View

Average stage times:  
(Average full run time: ~1min 37s)

	Build image	Run container based on build image	Test image	Clean Container	Push image in staging and deploy it	Push image in production and deploy it	Declarative: Post Actions
	9s	9s	922ms	528ms	22s	5s	152ms
<div> <div>Apr 14 12:28</div> <div>No Changes</div> </div>	2s	14s	1s	2s	50s	20s	141ms

static-website < 14

Pipeline
Changes
Tests
Artifacts
Logout

Branch: -- 3m 23s No changes
Commit: -- 5 minutes ago Started by user Alexazza

Start
Build image
Run container based on build...
Test image
Clean Container
Push image in staging and depl...
Push image in production and ...
End

Push image in production and deploy it - 28s
Restart Push image in production and deploy it

Check out from version control <1s
npm i -g heroku@7.68.0 heroku container:login heroku create \$PRODUCTION || echo "project already exist" heroku container:push -a \$PRODUCTION web heroku container:release -a \$PRODUCTION web -- Shell Script 27s

```

1 npm i -g heroku@7.68.0
2 npm WARN deprecated @heroku-cli/plugin-buildpacks@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
3 npm WARN deprecated @heroku-cli/plugin-certs@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
4 npm WARN deprecated @heroku-cli/plugin-autocomplete@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
5 npm WARN deprecated @heroku-cli/plugin-app@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
6 npm WARN deprecated @heroku-cli/plugin-auth@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
7 npm WARN deprecated @heroku-cli/plugin-ci@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
8 npm WARN deprecated @heroku-cli/plugin-local@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
9 npm WARN deprecated @heroku-cli/plugin-git@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
10 npm WARN deprecated @heroku-cli/plugin-config@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
11 npm WARN deprecated @heroku-cli/plugin-pipeline@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
12 npm WARN deprecated @heroku-cli/plugin-ps@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
13 npm WARN deprecated @heroku-cli/plugin-run@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
14 npm WARN deprecated @heroku-cli/plugin-webhooks@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
15 npm WARN deprecated @cli/err@3.2.2: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
16 npm WARN deprecated @heroku-cli/plugin-status@7.68.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
17 npm WARN deprecated @cli/command@1.5.16: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.

```

Ici nous pouvons constater que l'application a bien été hébergée sur la plateforme Heroku

HEROKU

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Container - container - United States

alexazza-staging

Container - container - United States