



المعهد الوطني للبريد والهواصالات

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Institut National des Postes et Télécommunications

TP3 – Automatisation

SERVERLESS ET CLOUD NATIVE APPLICATIONS

Réalisé par :

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


INE2 ASEDS

1- Ajout du .github-cli pour installer les dépendances:

```
serverless-naruto-app > !.gitlab-ci.yml
1  stages :
2    - install
3
4
5  dependencies:
6    stage: install
7    image: node:12-alpine
8    script:
9      - npm install
10
```

Younes IBIZZI > TP-Serverless > Jobs

All 1 Pending 0 Running 0 Finished 1

Status	Job	Pipeline	Stage	Name	Duration	Coverage
	#1378915026 Y master -> 426a4994	#327621638 by 	install	dependencies	00:01:02 1 minute ago	

 Job #1378915026 triggered 1 minute ago by  Younes IBIZZI







```
1 Running with gitlab-runner 13.12.0-rc1 (b21d5c5b)
2 on docker-auto-scale 72989761
3 feature flags: FF_GITLAB_REGISTRY_HELPER_IMAGE:true, FF_SKIP_DOCKER_MACHINE_PROVISION_ON_CREATION_FAILURE:true
> 4 Preparing the "docker+machine" executor
> 9 Preparing environment
> 12 Getting source from Git repository
> 20 Executing "step_script" stage of the job script
21 Using docker image sha256:deee3752431af726a256aee99bbd35d9323de7ffaa76ec42d4629b2751b8d11 for node:12-alpine with digest node@sha256:c57e7cafec034f6c4f55ca40d146b ...
22 $ npm install
23 > core-js@3.6.5 postinstall /builds/yibizzi/tp-serverless/node_modules/core-js
```

2- Ajout de l'étape des tests :

```
9 | - npm install
10 |
11 | test:
12 |   stage: test
13 |   image: trion/ng-cli-karma
14 |   allow_failure: true
15 |   script:
16 |     - npm install
17 |     - ng test --progress false --watch false
18 |
19 |
```

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All 3 Pending 0 Running 0 Finished 3

Status	Job	Pipeline	Stage	Name	Duration	Coverage
 failed	#1378930677  master -> dd3a9438 allowed to fail	#327625909 by 	test	test	⌚ 00:02:10 📅 1 minute ago	
 passed	#1378930676  master -> dd3a9438	#327625909 by 	install	dependencies	⌚ 00:00:55 📅 3 minutes ago	

3- Ajout de l'étape du Deploy :

a. Création du token de heroku

```
PS C:\Users\Admin\Desktop\cs\rapports\INE2\s4p2\SERVERLESS ET CLOUD NATIVE APPLICATIONS\TP3 Automatisation\serverless-naruto-app> heroku authorizations:create
» Warning: heroku update available from 7.38.2 to 7.54.0.
Creating OAuth Authorization... done
Client: <none>
ID: 4e75f7fa-d993-4b70-b675-60b68b60d7e4
Description: Long-lived user authorization
Scope: global
Token: b0ca66ac-bc03-4c87-813b-9621e00f3953
Updated at: Sat Jun 26 2021 14:16:53 GMT+0100 (GMT+01:00) (less than a minute ago)
PS C:\Users\Admin\Desktop\cs\rapports\INE2\s4p2\SERVERLESS ET CLOUD NATIVE APPLICATIONS\TP3 Automatisation\serverless-naruto-app>
```

b. Ajout du token à Gitlab

Add variable

Key

HEROKU_AUTH_TOKEN

Value

b0ca66ac-bc03-4c87-813b-9621e00f3953

Type

Variable

Environment scope

All (default)

Flags

☐ Protect variable
Export variable to pipelines running on protected branches and tags only.

☐ Mask variable

c. Création du Workflow

```
6 | variables:
7 |   HEROKU_AUTH_TOKEN: ${HEROKU_AUTH_TOKEN}
8 |   HEROKU_APP_NAME: tp2-serverless-aseds
9 |
```




```

deploy:
  stage: deploy
  script:
    - apt-get update -qy
    - apt-get install -y ruby-dev
    - gem install dpl
    - dpl --provider=heroku --app=$HEROKU_APP_NAME --api-key=$HEROKU_AUTH_TOKEN

```

d. Résultat du déploiement

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All	9	Pending	0	Running	0	Finished	9
Status	Job	Pipeline	Stage	Name	Duration	Coverage	
<div>passed</div>	#1378949623 Y master ↔ 57b5f609	#327631454 by 	deploy	deploy	<div><div>00:03:59</div><div>1 minute ago</div></div>	<div>↻</div>	
<div>failed</div>	#1378949622 Y master ↔ 57b5f609 <div>allowed to fail</div>	#327631454 by 	test	test	<div><div>00:02:14</div><div>5 minutes ago</div></div>	<div>↻</div>	
<div>passed</div>	#1378949621 Y master ↔ 57b5f609	#327631454 by 	install	dependencies	<div><div>00:01:04</div><div>7 minutes ago</div></div>	<div>↻</div>	


```

264     - node_modules
265
266     ----> Pruning devDependencies
267         removed 1382 packages and audited 173 packages in 16.897s
268         found 0 vulnerabilities
269
270
271     ----> Build succeeded!
272     ----> Discovering process types
273         Procfile declares types   -> (none)
274         Default types for buildpack -> web
275     ----> Compressing...
276         Done: 67.4M
277     ----> Launching...
278         Released v4
279         https://tp2-serverless-aseds.herokuapp.com/ deployed to Heroku
280     No stash entries found.
281 ✓ Cleaning up file based variables
282 Job succeeded

```

← → ↺ 🏠   tp2-serverless-aseds.herokuapp.com

Naruto SHIPPUDDEN

image	name	caracteristique
	naruto	

Enter email Enter password