INF335 – Ambientes para Concepção de
Software Formação de Especialista em Engenharia
de Software INSTITUTO DE COMPUTAÇÃO - UNICAMP
1° SEMESTRE DE 2024
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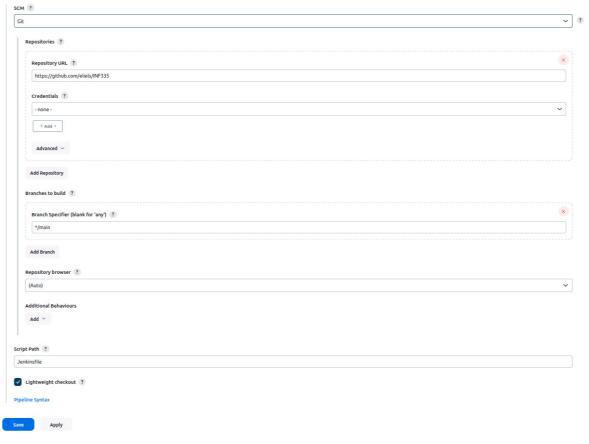**p.br** 06/Julho/2024
TRABALHO 5

3 Entrega

Os seguintes itens devem ser entregues:

1. *Atividade 5.1*: Link para repositório (público) com artefatos necessários (incluindo: *pom.xml* e *Jenkinsfile*).

https://github.com/eliels/INF335

2. *Atividade 5.1*: Print com as configurações do projeto no *Jenkins*.

3. *A*

✓ **trabalho1_eliel**

Last Successful Artifacts
📄 trab5-1.0-SNAPSHOT.jar   6.08 KiB   view
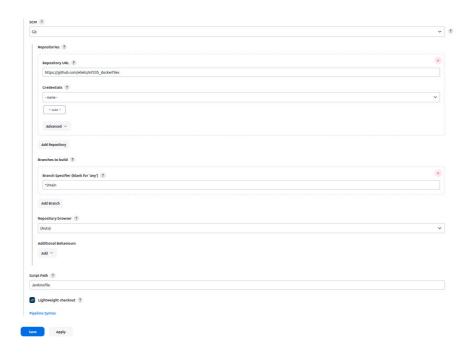
Latest Test Result (no failures)

Permalinks

- Last build (#1), 40 sec ago
- Last stable build (#1), 40 sec ago
- Last successful build (#1), 40 sec ago
- Last completed build (#1), 40 sec ago

tividade 5.1: Log do console de execução bem sucedida do projeto, incluindo acesso ao repositório Git, compilação, teste e empacotamento (criar .jar).

✓ **Console Output**

```
Started by user admin
Obtained Jenkinsfile from git https://github.com/eliels/INF335
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/trabalho1_eliel
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/eliels/INF335
 > git init /var/lib/jenkins/workspace/trabalho1_eliel # timeout=10
Fetching upstream changes from https://github.com/eliels/INF335
 > git --version # timeout=10
 > git --version # 'git version 2.34.1'
 > git fetch --tags --force --progress -- https://github.com/eliels/INF335 +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git config remote.origin.url https://github.com/eliels/INF335 # timeout=10
 > git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 9d76a3924045b097447a3d51fd22ab5a8b94f81e (refs/remotes/origin/main)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 9d76a3924045b097447a3d51fd22ab5a8b94f81e # timeout=10
Commit message: "Add files via upload"
```

4. *Atividade 5.2*: Link para repositório (público) com artefatos necessários.
https://github.com/eliels/inf335_dockerfiles

5. *Atividade 5.2*: Print com as configurações do projeto no *Jenkins*.

6. *Atividade 5.2*: Log do console de execução bem sucedida do projeto, incluindo acesso ao repositório Git, build do Docker e execução do Docker.

Parte 1 - Log de execução

Started by user admin

Obtained Jenkinsfile from git https://github.com/eliels/INF335

[Pipeline] Start of Pipeline

[Pipeline] node

Running on Jenkins in /var/lib/jenkins/workspace/trabalho1_eliel

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Declarative: Checkout SCM)

[Pipeline] checkout

Selected Git installation does not exist. Using Default

The recommended git tool is: NONE

No credentials specified

Cloning the remote Git repository

Cloning repository https://github.com/eliels/INF335

 > git init /var/lib/jenkins/workspace/trabalho1_eliel # timeout=10

Fetching upstream changes from https://github.com/eliels/INF335

 > git --version # timeout=10

 > git --version # 'git version 2.34.1'

 > git fetch --tags --force --progress -- https://github.com/eliels/INF335
+refs/heads/*:refs/remotes/origin/* # timeout=10

```
> git config remote.origin.url https://github.com/eliels/INF335 # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 9d76a3924045b097447a3d51fd22ab5a8b94f81e
(refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 9d76a3924045b097447a3d51fd22ab5a8b94f81e # timeout=10
Commit message: "Add files via upload"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Tool Install)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] withEnv
[Pipeline] {
[Pipeline] git
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/trabalho1_eliel/.git #
timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/eliels/INF335 # timeout=10
Fetching upstream changes from https://github.com/eliels/INF335
> git --version # timeout=10
> git --version # 'git version 2.34.1'
> git fetch --tags --force --progress -- https://github.com/eliels/INF335
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision cfd0f3584f1647154b7b755be6abd39e59edb919
(refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f cfd0f3584f1647154b7b755be6abd39e59edb919 # timeout=10
```

> git branch -a -v --no-abbrev # timeout=10

> git checkout -b main cfd0f3584f1647154b7b755be6abd39e59edb919 # timeout=10

Commit message: "Rename jenkinsfile to Jenkinsfile"

First time build. Skipping changelog.

[Pipeline] sh

+ mvn -Dmaven.test.failure.ignore=false clean package

[INFO] Scanning for projects...

[INFO]

[INFO] --------------------< br.unicamp.ic.inf335:trab5 >--------------------

[INFO] Building trab5 1.0-SNAPSHOT

[INFO] --------------------------------[jar]---------------------------------

[INFO]

[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ trab5 ---

[INFO]

[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ trab5 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] skip non existing resourceDirectory
/var/lib/jenkins/workspace/trabalho1_eliel/src/main/resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ trab5 ---

[INFO] Changes detected - recompiling the module!

[INFO] Compiling 3 source files to
/var/lib/jenkins/workspace/trabalho1_eliel/target/classes

[INFO]

[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ trab5 ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] skip non existing resourceDirectory
/var/lib/jenkins/workspace/trabalho1_eliel/src/test/resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ trab5 ---

[INFO] Changes detected - recompiling the module!

[INFO] Compiling 3 source files to /var/lib/jenkins/workspace/trabalho1_eliel/target/test-classes

[INFO]

[INFO] --- maven-surefire-plugin:2.19.1:test (default-test) @ trab5 ---

----

 T E S T S

Running br.unicamp.ic.inf335.beans.AnuncianteBeanTest

Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.02 sec - in
br.unicamp.ic.inf335.beans.AnuncianteBeanTest

Running br.unicamp.ic.inf335.beans.ProdutoBeanTest

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec - in
br.unicamp.ic.inf335.beans.ProdutoBeanTest

Running br.unicamp.ic.inf335.beans.AnuncioBeanTest
Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec - in
br.unicamp.ic.inf335.beans.AnuncioBeanTest

Results :

Tests run: 8, Failures: 0, Errors: 0, Skipped: 0

[INFO]
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ trab5 ---
[INFO] Building jar: /var/lib/jenkins/workspace/trabalho1_eliel/target/trab5-1.0-
SNAPSHOT.jar
[INFO] --
[INFO] BUILD SUCCESS
[INFO] --
[INFO] Total time: 5.025 s
[INFO] Finished at: 2024-07-11T20:56:51-03:00
[INFO] --
Post stage
[Pipeline] junit
Recording test results
[Checks API] No suitable checks publisher found.
[Pipeline] archiveArtifacts
Archiving artifacts
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS

 Parte 2 - Log de execução

Started by user admin
Obtained Jenkinsfile from git https://github.com/eliels/inf335_dockerfiles
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/trabalho2_eliel
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)

[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/eliels/inf335_dockerfiles
 > git init /var/lib/jenkins/workspace/trabalho2_eliel # timeout=10
Fetching upstream changes from
https://github.com/eliels/inf335_dockerfiles
 > git --version # timeout=10
 > git --version # 'git version 2.34.1'
 > git fetch --tags --force --progress --
https://github.com/eliels/inf335_dockerfiles
+refs/heads/*:refs/remotes/origin/* # timeout=10
 > git config remote.origin.url https://github.com/eliels/inf335_dockerfiles
timeout=10
 > git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* #
timeout=10
Avoid second fetch
 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 17d87a6596cd28fd256f184410a8adccd97721ea
(refs/remotes/origin/main)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 17d87a6596cd28fd256f184410a8adccd97721ea #
timeout=10
Commit message: "Add files via upload"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (build)
[Pipeline] sh
+ docker build -t ola_unicamp .
#0 building with "default" instance using docker driver

#1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 129B done
#1 DONE 0.0s

#2 [internal] load metadata for docker.io/library/openjdk:11
#2 DONE 1.4s

#3 [internal] load .dockerignore
#3 transferring context: 2B done
#3 DONE 0.0s

#4 [1/3] FROM
docker.io/library/openjdk:11@sha256:99bac5bf83633e3c7399aed725c841
5e7b569b54e03e4599e580fc9cdb7c21ab
#4 DONE 0.0s

#5 [internal] load build context
#5 transferring context: 165B done

#5 DONE 0.0s

#6 [2/3] COPY OlaUnicamp.java /
#6 CACHED

#7 [3/3] RUN javac OlaUnicamp.java
#7 CACHED

#8 exporting to image
#8 exporting layers done
#8 writing image
sha256:510222cd70c7ab6cde52b59f58936122f6f6c36eefc2f1e70a2ecba3b
d3893a9 done
#8 naming to docker.io/library/ola_unicamp done
#8 DONE 0.0s
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (run)
[Pipeline] sh
+ docker run --rm ola_unicamp
Olá Unicamp
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS