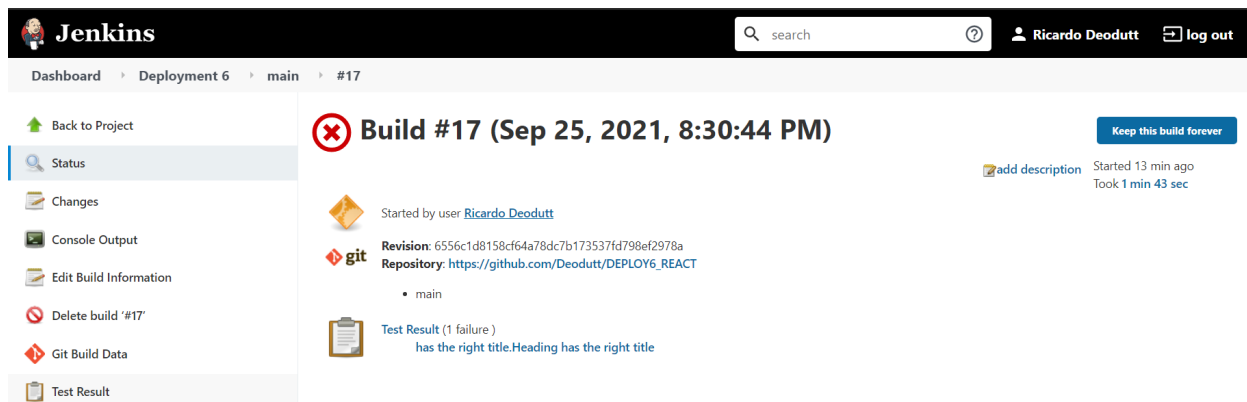


## Deployment 6 - Screenshots

To make it fail, I simply changed the test case where it should look for “My Awesome Web Application”. I removed a letter and it failed.

### Failed



This screenshot shows the Jenkins interface for Build #17, which failed. The build was started by Ricardo Deodutt at 8:30:44 PM on Sep 25, 2021. The repository is https://github.com/Deodutt/DEPLOY6\_REACT, and the branch is main. The test result shows 1 failure: "has the right title.Heading has the right title". The left sidebar contains links to Back to Project, Status, Changes, Console Output, Edit Build Information, Delete build '#17', Git Build Data, and Test Result. The top navigation bar shows Dashboard > Deployment 6 > main > #17.

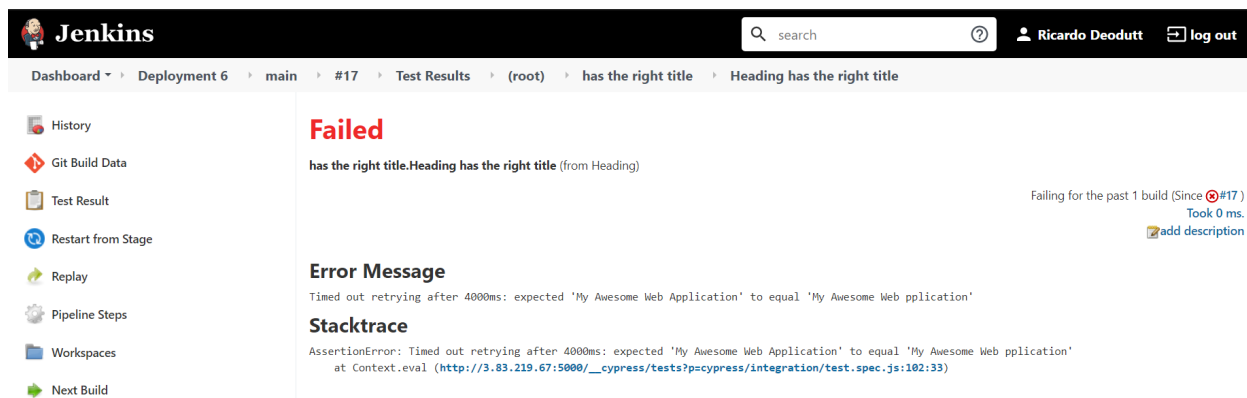
**Build #17 (Sep 25, 2021, 8:30:44 PM)**

Started by user [Ricardo Deodutt](#)

Revision: 6556c1d8158cf64a78dc7b173537fd798ef2978a  
Repository: [https://github.com/Deodutt/DEPLOY6\\_REACT](https://github.com/Deodutt/DEPLOY6_REACT)

main

Test Result (1 failure)  
has the right title.Heading has the right title



This screenshot shows the Jenkins interface for Build #17, specifically the Test Results page. The build failed with the error message: "AssertionError: Timed out retrying after 4000ms: expected 'My Awesome Web Application' to equal 'My Awesome Web pplication'". The stacktrace shows the error occurred at Context.eval. The left sidebar contains links to History, Git Build Data, Test Result, Restart from Stage, Replay, Pipeline Steps, Workspaces, and Next Build. The top navigation bar shows Dashboard > Deployment 6 > main > #17 > Test Results > (root) > has the right title > Heading has the right title.

**Failed**

has the right title.Heading has the right title (from Heading)

Failing for the past 1 build (Since **#17**)  
Took 0 ms.

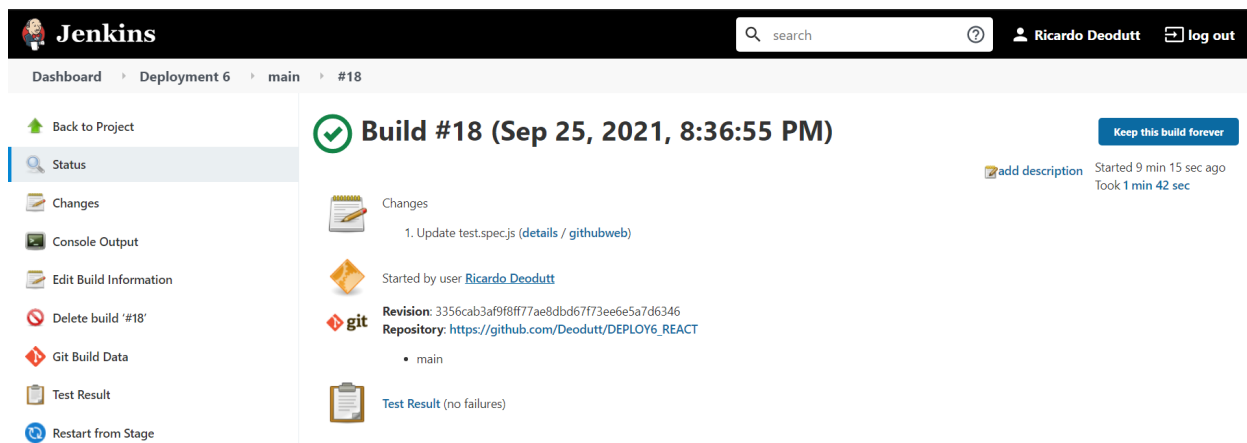
**Error Message**

Timed out retrying after 4000ms: expected 'My Awesome Web Application' to equal 'My Awesome Web pplication'

**Stacktrace**

AssertionError: Timed out retrying after 4000ms: expected 'My Awesome Web Application' to equal 'My Awesome Web pplication'  
at Context.eval ([http://3.83.219.67:5000/\\_cypress/tests?pcypress/integration/test.spec.js:102:33](http://3.83.219.67:5000/_cypress/tests?pcypress/integration/test.spec.js:102:33))

### Passed



This screenshot shows the Jenkins interface for Build #18, which passed. The build was started by Ricardo Deodutt at 8:36:55 PM on Sep 25, 2021. The repository is https://github.com/Deodutt/DEPLOY6\_REACT, and the branch is main. The test result shows no failures. The left sidebar contains links to Back to Project, Status, Changes, Console Output, Edit Build Information, Delete build '#18', Git Build Data, Test Result, and Restart from Stage. The top navigation bar shows Dashboard > Deployment 6 > main > #18.

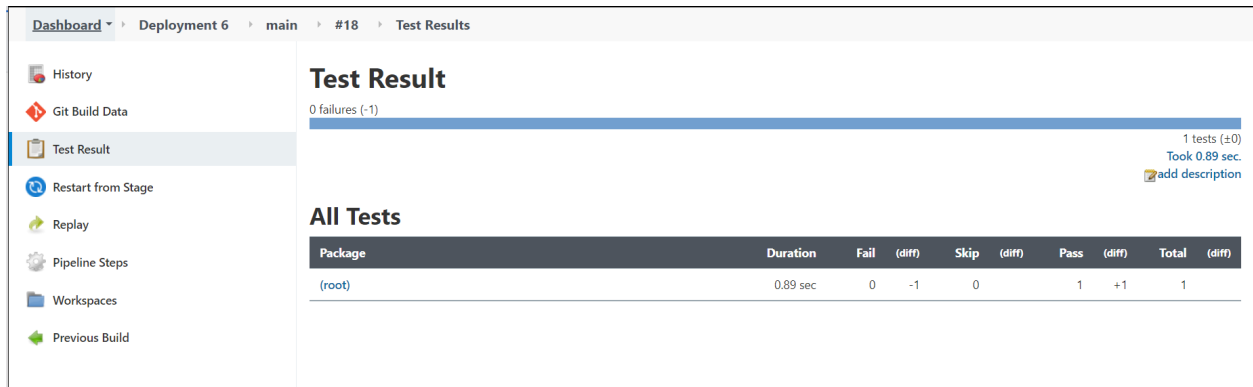
**Build #18 (Sep 25, 2021, 8:36:55 PM)**

Started by user [Ricardo Deodutt](#)

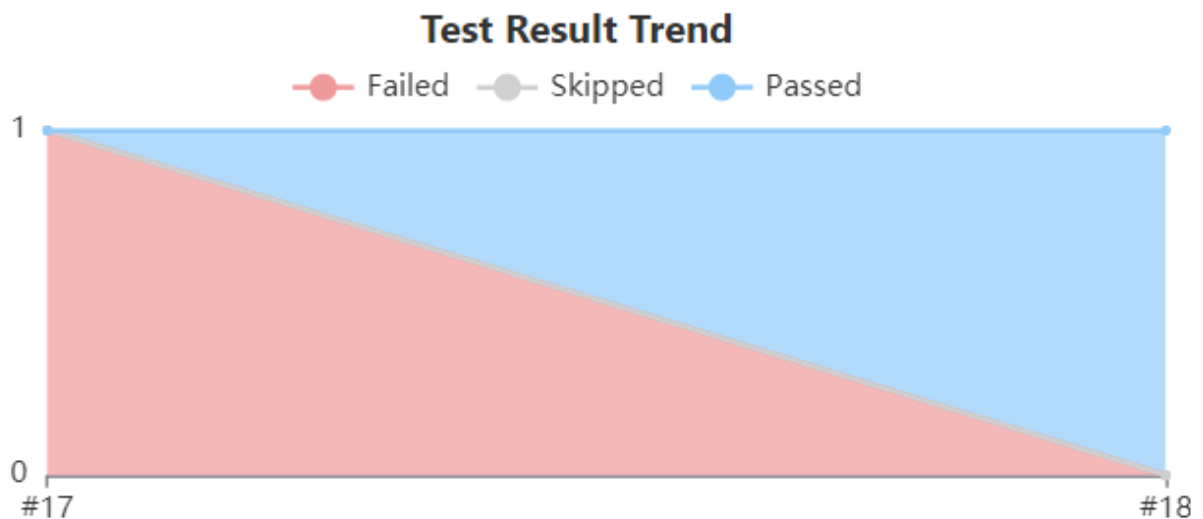
Revision: 3356cab3af9f8f77ae8dbd67f73ee6e5a7d6346  
Repository: [https://github.com/Deodutt/DEPLOY6\\_REACT](https://github.com/Deodutt/DEPLOY6_REACT)

main

Test Result (no failures)



## Junit graph



## Errors

While creating the multibranch pipeline, my group faced a problem inside the Build stage. The command `serve -s build` would just stall and not move on because the server was started and the terminal was not allowing inputs until the server was closed. The solution was found out to add an `&` at the end of the command which would essentially make the command run in the background while giving the Jenkins terminal access to run other commands.

I also had many issues with some applications not installing so I had to make sure they were installed using bash scripts to install the dependencies.

Another issue I had was sshing into the agents. I kept using the `ssh -i linux.pem ec2-user@ip` command not knowing why I couldn't connect. I rechecked all my security groups and finally decided to just use the built-in AWS connect option to check if I can ssh at all. I then noticed it said `ssh -i linux.pem ubuntu@ip` and I finally understood.

## Finding the recorded cypress video .mp4

SSH into agent 2

Run the following command

**find /home -name \*.mp4**

/home/ubuntu/jenkins/app/workspace/ [your branch name] /cypress/videos/test.spec.js.mp4

The following path has the videos and screenshot folder

/home/ubuntu/jenkins/app/workspace/Deployment\_6\_-\_Multibranch\_main/cypress

Using Git, we can move the screenshot folder and video folder outside of the ec2.

- First, install Git
- Create an ssh key
  - ssh-keygen -t rsa -b 4096 -C "[email@email.com](mailto:email@email.com)"
- Take the public key and put it on your GitHub
- Start the SSH agent
  - exec ssh-agent bash
- Add the private key using
  - ssh-add privatekeyname
- Once that's done, clone the repository
  - git clone <ssh.link>

Once you have got the repository you will need to copy the video and screenshots folder to the repository. It would be great to create a folder called documentation and put all the files in there

mkdir documentation

Change directory to the pwd that has the screenshot and video folder.

cd ~/jenkins/app/workspace/

Change directory into the folder that you named your multi pipeline branch

mv screenshots/ ~/DEPLOY6\_REACT/documentation

mv videos/ ~/DEPLOY6\_REACT/documentation

- Once you have made your changes do the following
- git add .
- git commit -m "Message"
- git push origin main