CI CD Project

6/09/2020

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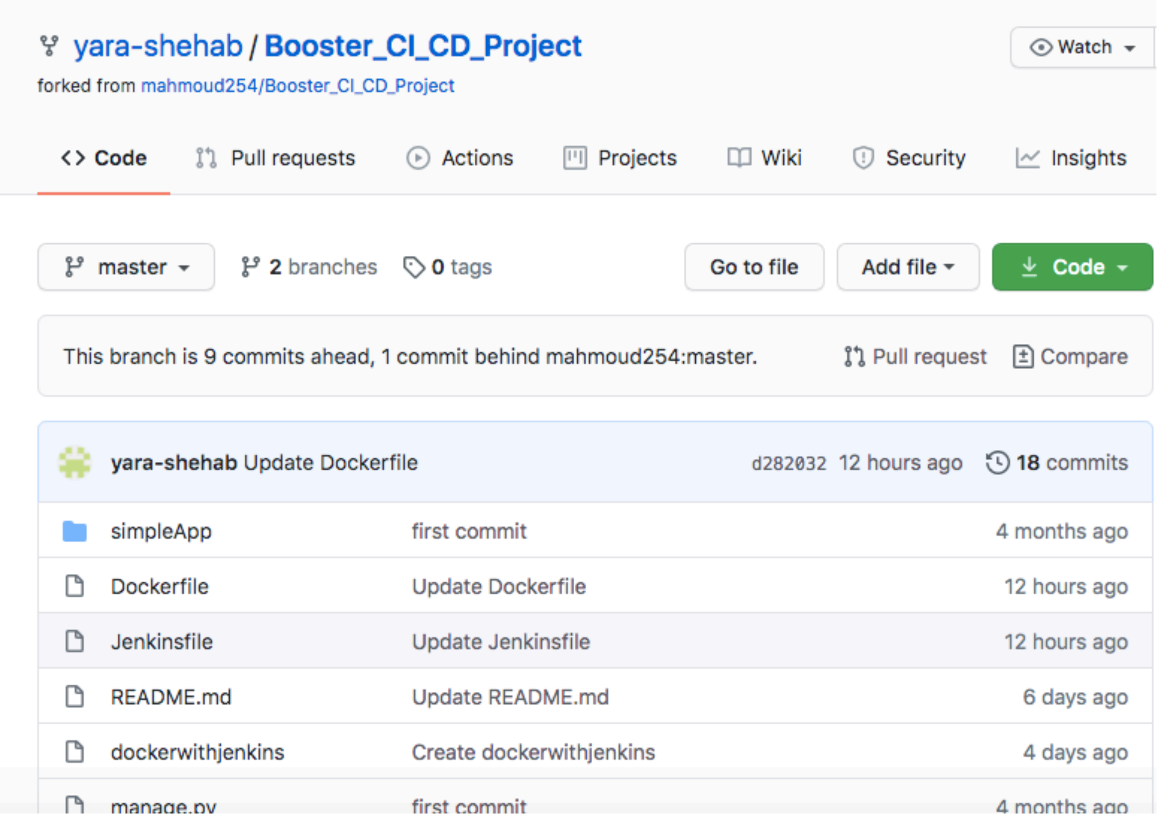
https://github.com/yara-shehab/Booster_CI_CD_Project

Introduction:

Create CI/CD pipeline using jenkinsfile to deploy simple django web app as a microservice running on docker container locally

Steps:

1. Fork the given repo to my account on github



yara-shehab / Booster_CI_CD_Project

forked from mahmoud254/Booster_CI_CD_Project

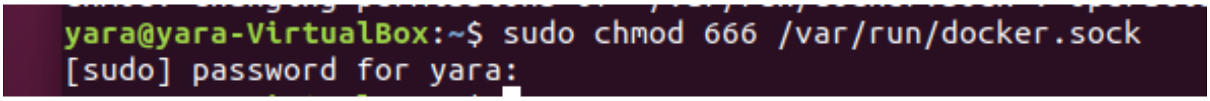
This branch is 9 commits ahead, 1 commit behind mahmoud254:master.

yara-shehab Update Dockerfile d282032 12 hours ago 18 commits

simpleApp	first commit	4 months ago
Dockerfile	Update Dockerfile	12 hours ago
Jenkinsfile	Update Jenkinsfile	12 hours ago
README.md	Update README.md	6 days ago
dockerwithjenkins	Create dockerwithjenkins	4 days ago
manage.py	first commit	4 months ago

And create 2 branches: master, dev

2. Write dockerfile inside my repo to create new image with required installation to start the server



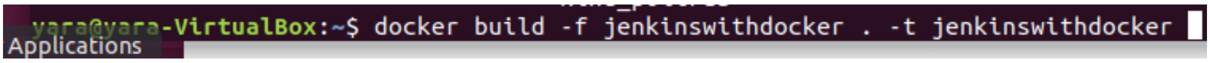
```
yara@yara-VirtualBox:~$ sudo chmod 666 /var/run/docker.sock
[sudo] password for yara:
```

The docker file used to build the image for the master “jenkinswithdocker” is

```
FROM
jenkins/jenkins:lts
```

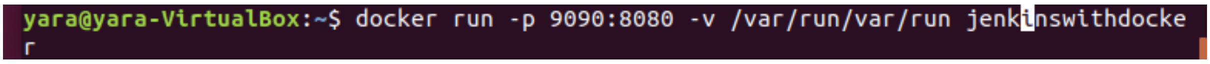
```
USER root
#install docker client
RUN apt-get update -qq
RUN apt-get install -qqy apt-transport-https ca-
certificates curl gnupg2 software-properties-common
RUN curl -fsSL
https://download.docker.com/linux/debian/gpg | apt-key
add -
RUN add-apt-repository \
       "deb [arch=amd64]
https://download.docker.com/linux/debian \
       $(lsb_release -cs) \
       stable"
RUN apt-get update -qq \
       && apt-get install docker-ce=17.12.1~ce-0~debian
-y
RUN usermod -aG docker jenkins
```

Use this command to build the master image



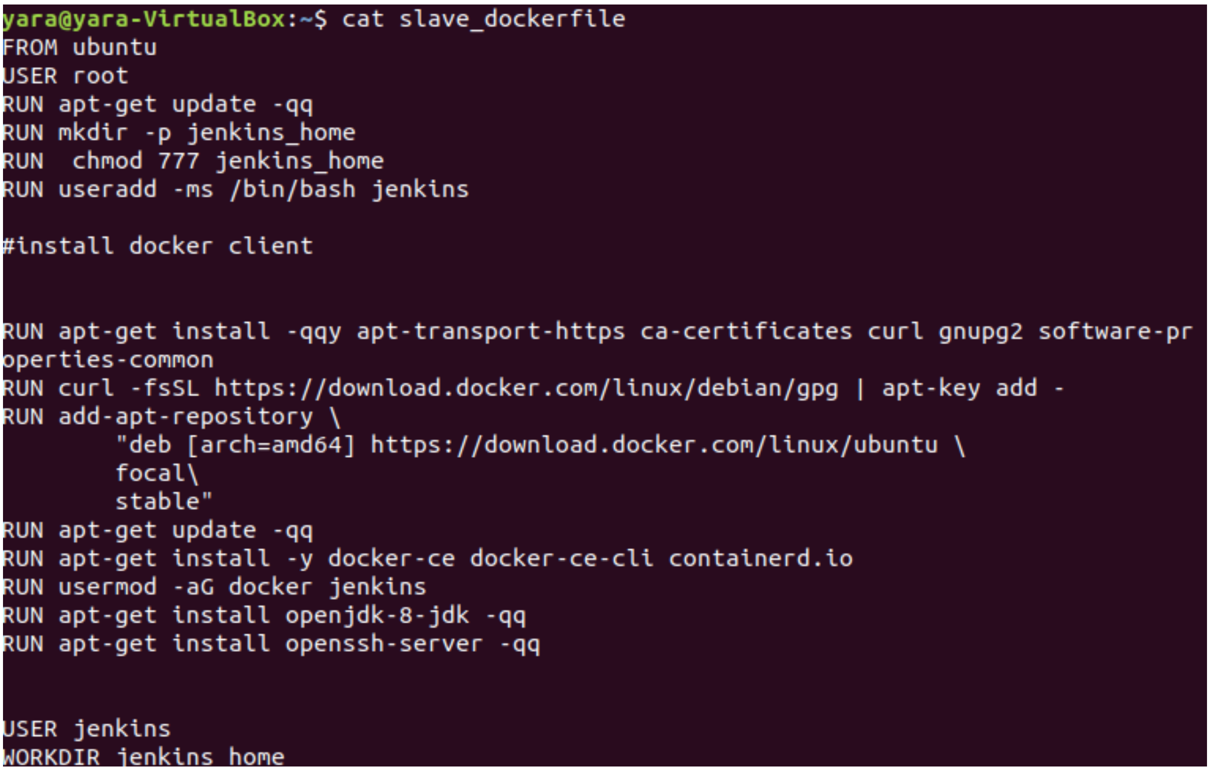
```
yara@yara-VirtualBox:~$ docker build -f jenkinswithdocker . -t jenkinswithdocker
```

Use this command to run the master image



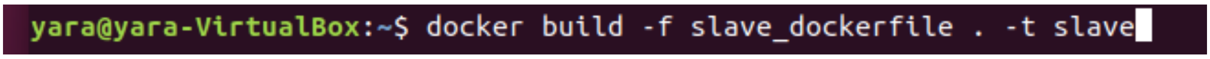
```
yara@yara-VirtualBox:~$ docker run -p 9090:8080 -v /var/run/var/run jenkinswithdocke
r
```

The docker file used to build the image for the slave is name “slave_dockerfile” is:



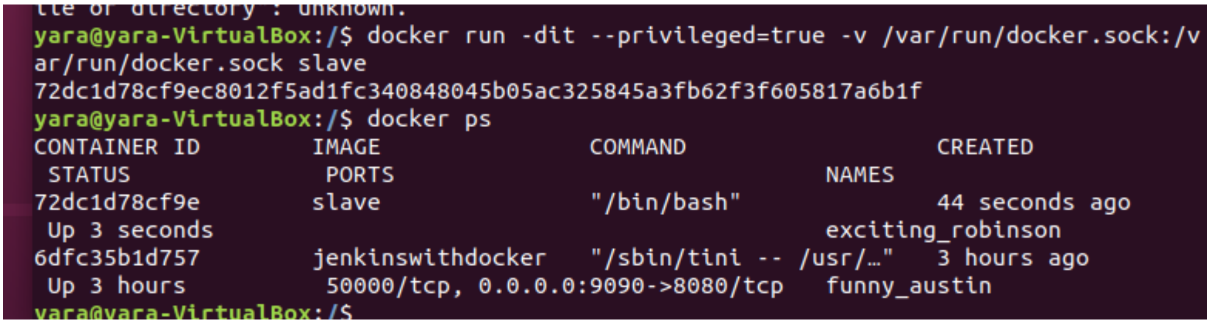
```
yara@yara-VirtualBox:~$ cat slave_dockerfile
FROM ubuntu
USER root
RUN apt-get update -qq
RUN mkdir -p jenkins_home
RUN  chmod 777 jenkins_home
RUN useradd -ms /bin/bash jenkins

#install docker client


RUN apt-get install -qqy apt-transport-https ca-certificates curl gnupg2 software-pr
operties-common
RUN curl -fsSL https://download.docker.com/linux/debian/gpg | apt-key add -
RUN add-apt-repository \
        "deb [arch=amd64] https://download.docker.com/linux/ubuntu \
        focal\
        stable"
RUN apt-get update -qq
RUN apt-get install -y docker-ce docker-ce-cli containerd.io
RUN usermod -aG docker jenkins
RUN apt-get install openjdk-8-jdk -qq
RUN apt-get install openssh-server -qq


USER jenkins
WORKDIR jenkins_home
```

Use this command to build the image of the slave container



```
yara@yara-VirtualBox:~$ docker build -f slave_dockerfile . -t slave
```

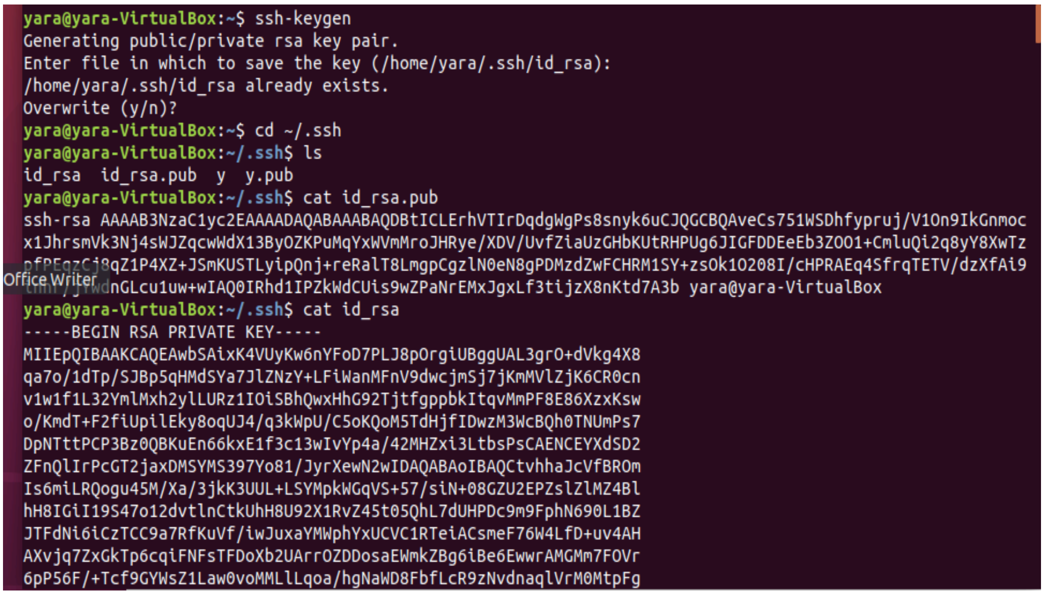
Use this command for the run of the slave container



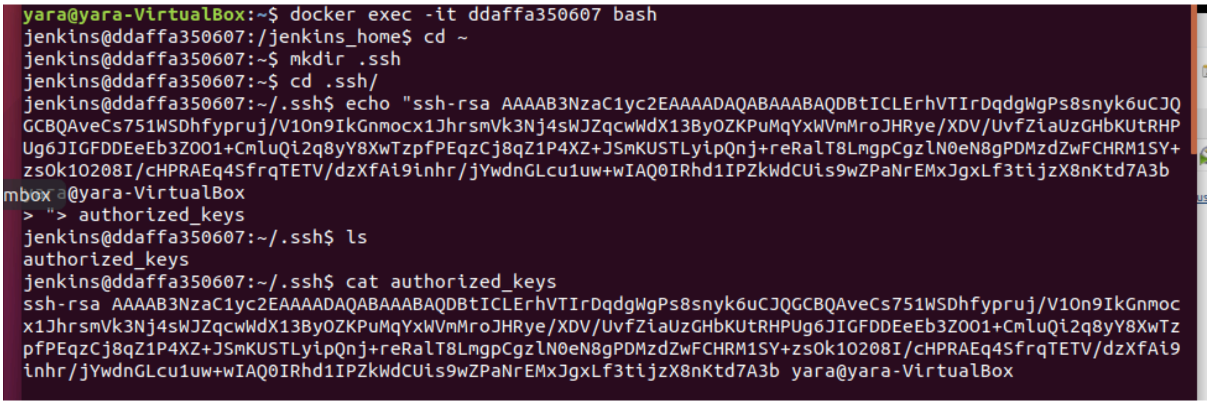
```
ile or directory': unknown.
yara@yara-VirtualBox:/$ docker run -dit --privileged=true -v /var/run/docker.sock:/v
ar/run/docker.sock slave
72dc1d78cf9ec8012f5ad1fc340848045b05ac325845a3fb62f3f605817a6b1f
yara@yara-VirtualBox:/$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED
 STATUS              PORTS                              NAMES
72dc1d78cf9e        slave               "/bin/bash"              44 seconds ago
 Up 3 seconds                                           exciting_robinson
6dfc35b1d757        jenkinswithdocker   "/sbin/tini -- /usr/…"   3 hours ago
 Up 3 hours          50000/tcp, 0.0.0.0:9090->8080/tcp   funny_austin
yara@yara-VirtualBox:/$
```

3. Configure ubuntu slave to use it for the pipeline

   Use the public and private key generated by the sshgen-key function for both of the master and the slave

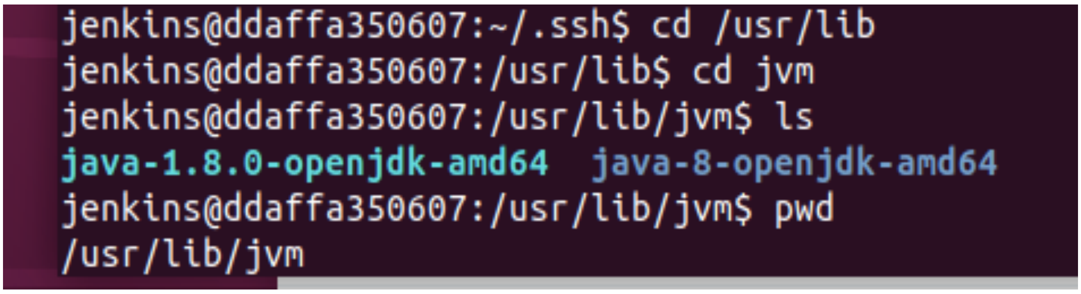


```
yara@yara-VirtualBox:~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/yara/.ssh/id_rsa):
/home/yara/.ssh/id_rsa already exists.
Overwrite (y/n)?
yara@yara-VirtualBox:~$ cd ~/.ssh
yara@yara-VirtualBox:~/.ssh$ ls
id_rsa  id_rsa.pub  y  y.pub
yara@yara-VirtualBox:~/.ssh$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDBtICLErhVTIrDqdgWgPs8snyk6uCJQGCBQAveCs751WSDhfypruj/V1On9IkGnmoc
x1JhrsmVk3Nj4sWJZqcwWdX13ByOZKPuMqYxWVmMroJHRye/XDV/UvfZiaUzGHbKUtRHPUg6JIGFDDEeEb3ZOO1+CmluQi2q8yY8XwTz
pfPEqzCj8qZ1P4XZ+JSmKUSTLyipQnj+reRalT8LmgpCgzlN0eN8gPDMzdZwFCHRM1SY+zsOk1O208I/cHPRAEq4SfrqTETV/dzXfAi9
inhr/jYwdnGLcu1uw+wIAQ0IRhd1IPZkWdCUis9wZPaNrEMxJgxLf3tijzX8nKtd7A3b yara@yara-VirtualBox
yara@yara-VirtualBox:~/.ssh$ cat id_rsa
-----BEGIN RSA PRIVATE KEY-----
MIIEpQIBAAKCAQEAwbSAixK4VUyKw6nYFoD7PLJ8pOrgiUBggUAL3grO+dVkg4X8
qa7o/1dTp/SJBp5qHMdSYa7JlZNzY+LFiWanMFnV9dwcjmSj7jKmMVlZjK6CR0cn
v1w1f1L32YmlMxh2ylLURz1IOiSBhQwxHhG92TjtfgppbkItqvMmPF8E86XzxKsw
o/KmdT+F2fiUpilEky8oqUJ4/q3kWpU/C5oKQoM5TdHjfIDwzM3WcBQh0TNUmPs7
DpNTttPCP3Bz0QBKuEn66kxE1f3c13wIvYp4a/42MHZxi3LtbsPsCAENCEYXdSD2
ZFnQlIrPcGT2jaxDMSYMS397Yo81/JyrXewN2wIDAQABAoIBAQCtvhhaJcVfBROm
Is6miLRQogu45M/Xa/3jkK3UUL+LSYMpkWGqVS+57/siN+08GZU2EPZslZlMZ4Bl
hH8IGiI19S47o12dvtlnCtkUhH8U92X1RvZ45t05QhL7dUHPDc9m9FphN690L1BZ
JTFdNi6iCzTCC9a7RfKuVf/iwJuxaYMWphYxUCVC1RTeiACsmeF76W4LfD+uv4AH
AXvjq7ZxGkTp6cqiFNFsTFDoXb2UArrOZDDosaEWmkZBg6iBe6EwwrAMGMm7FOVr
6pP56F/+Tcf9GYWsZ1Law0voMMLlLqoa/hgNaWD8FbfLcR9zNvdnaqlVrM0MtpFg
```



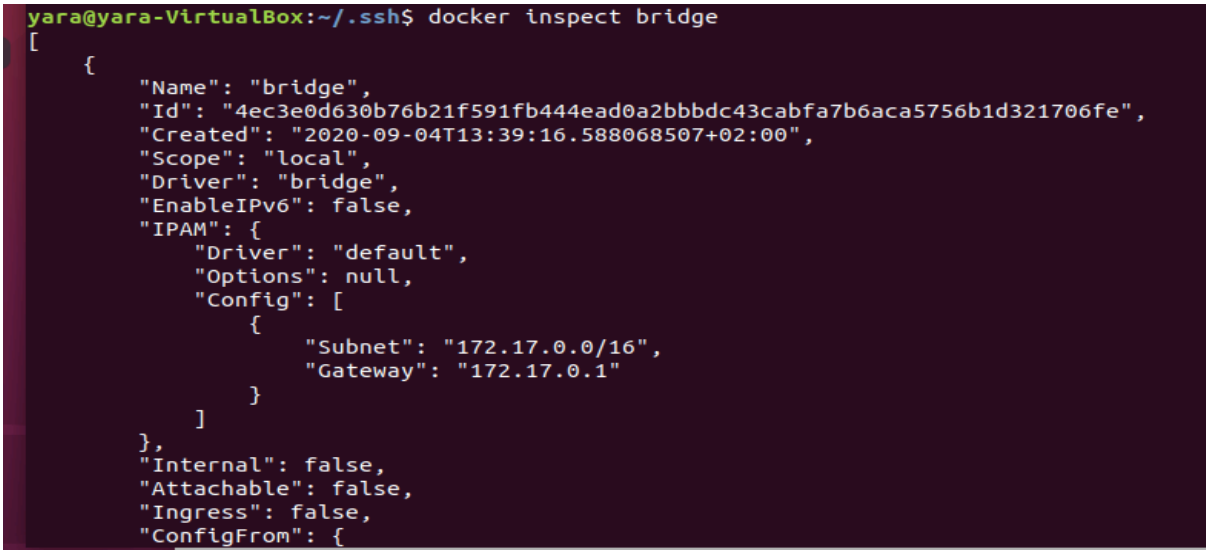
```
yara@yara-VirtualBox:~$ docker exec -it ddaffa350607 bash
jenkins@ddaffa350607:/jenkins_home$ cd ~
jenkins@ddaffa350607:~$ mkdir .ssh
jenkins@ddaffa350607:~$ cd .ssh/
jenkins@ddaffa350607:~/.ssh$ echo "ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDBtICLErhVTIrDqdgWgPs8snyk6uCJQ
GCBQAveCs751WSDhfypruj/V1On9IkGnmocx1JhrsmVk3Nj4sWJZqcwWdX13ByOZKPuMqYxWVmMroJHRye/XDV/UvfZiaUzGHbKUtRHP
Ug6JIGFDDEeEb3ZOO1+CmluQi2q8yY8XwTzpfPEqzCj8qZ1P4XZ+JSmKUSTLyipQnj+reRalT8LmgpCgzlN0eN8gPDMzdZwFCHRM1SY+
zsOk1O208I/cHPRAEq4SfrqTETV/dzXfAi9inhr/jYwdnGLcu1uw+wIAQ0IRhd1IPZkWdCUis9wZPaNrEMxJgxLf3tijzX8nKtd7A3b
yara@yara-VirtualBox
> "> authorized_keys
jenkins@ddaffa350607:~/.ssh$ ls
authorized_keys
jenkins@ddaffa350607:~/.ssh$ cat authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDBtICLErhVTIrDqdgWgPs8snyk6uCJQGCBQAveCs751WSDhfypruj/V1On9IkGnmoc
x1JhrsmVk3Nj4sWJZqcwWdX13ByOZKPuMqYxWVmMroJHRye/XDV/UvfZiaUzGHbKUtRHPUg6JIGFDDEeEb3ZOO1+CmluQi2q8yY8XwTz
pfPEqzCj8qZ1P4XZ+JSmKUSTLyipQnj+reRalT8LmgpCgzlN0eN8gPDMzdZwFCHRM1SY+zsOk1O208I/cHPRAEq4SfrqTETV/dzXfAi9
inhr/jYwdnGLcu1uw+wIAQ0IRhd1IPZkWdCUis9wZPaNrEMxJgxLf3tijzX8nKtd7A3b yara@yara-VirtualBox
```

Get the value of the environment variable: JAVA_HOME

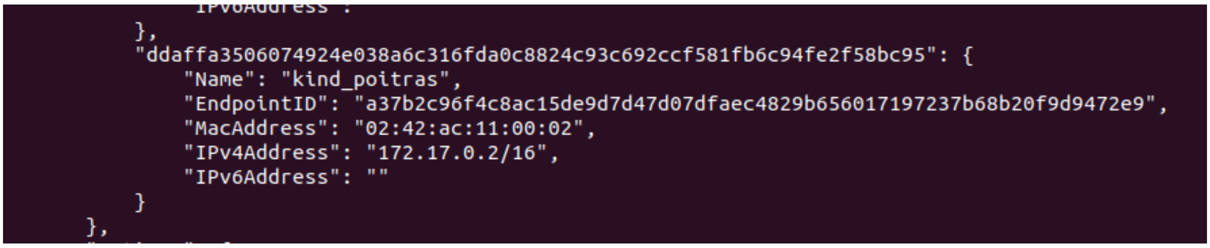


```
jenkins@ddaffa350607:~/.ssh$ cd /usr/lib
jenkins@ddaffa350607:/usr/lib$ cd jvm
jenkins@ddaffa350607:/usr/lib/jvm$ ls
java-1.8.0-openjdk-amd64  java-8-openjdk-amd64
jenkins@ddaffa350607:/usr/lib/jvm$ pwd
/usr/lib/jvm
```

To get the IP of the host for the slave I have used this command:

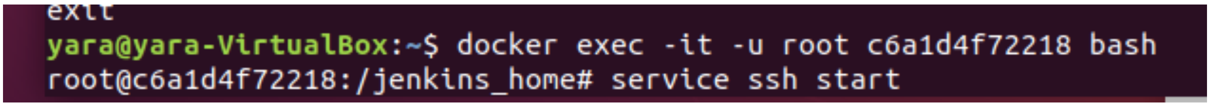


```
yara@yara-VirtualBox:~/.ssh$ docker inspect bridge
[
    {
        "Name": "bridge",
        "Id": "4ec3e0d630b76b21f591fb444ead0a2bbbdc43cabfa7b6aca5756b1d321706fe",
        "Created": "2020-09-04T13:39:16.588068507+02:00",
        "Scope": "local",
        "Driver": "bridge",
        "EnableIPv6": false,
        "IPAM": {
            "Driver": "default",
            "Options": null,
            "Config": [
                {
                    "Subnet": "172.17.0.0/16",
                    "Gateway": "172.17.0.1"
                }
            ]
        },
        "Internal": false,
        "Attachable": false,
        "Ingress": false,
        "ConfigFrom": {
```



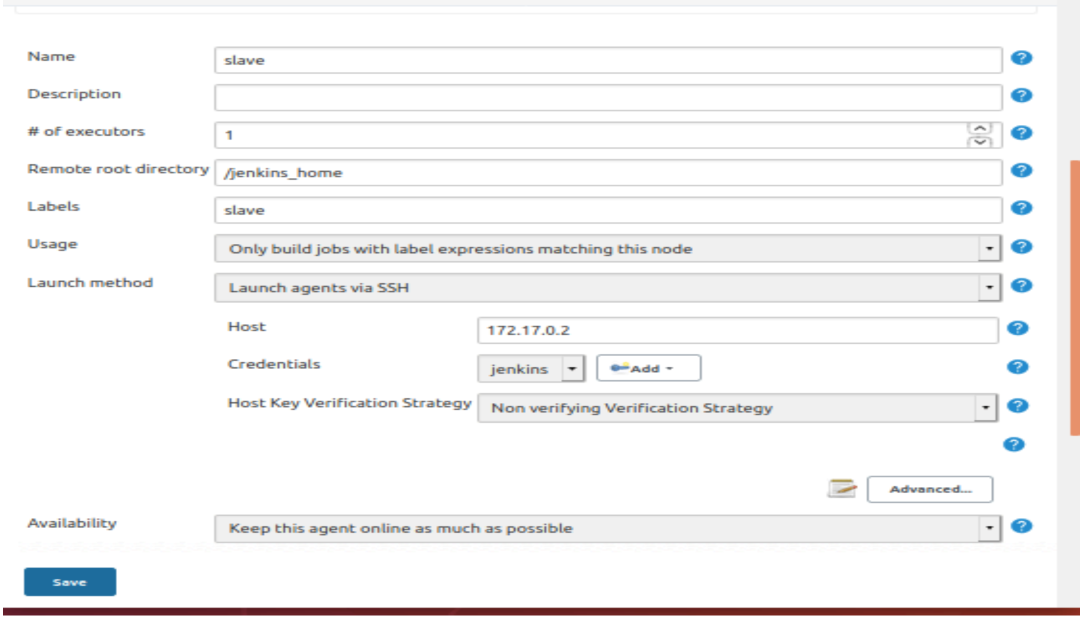
```
                "IPv6Address":
        },
        "ddaffa3506074924e038a6c316fda0c8824c93c692ccf581fb6c94fe2f58bc95": {
            "Name": "kind_poitras",
            "EndpointID": "a37b2c96f4c8ac15de9d7d47d07dfaec4829b656017197237b68b20f9d9472e9",
            "MacAddress": "02:42:ac:11:00:02",
            "IPv4Address": "172.17.0.2/16",
            "IPv6Address": ""
        }
    },
```

Start the ssh service from the root user of the slave container



```
exit
yara@yara-VirtualBox:~$ docker exec -it -u root c6a1d4f72218 bash
root@c6a1d4f72218:/jenkins_home# service ssh start
```

Configure the slave on jenkins



Name: slave

Description:

# of executors: 1

Remote root directory: /jenkins_home

Labels: slave

Usage: Only build jobs with label expressions matching this node

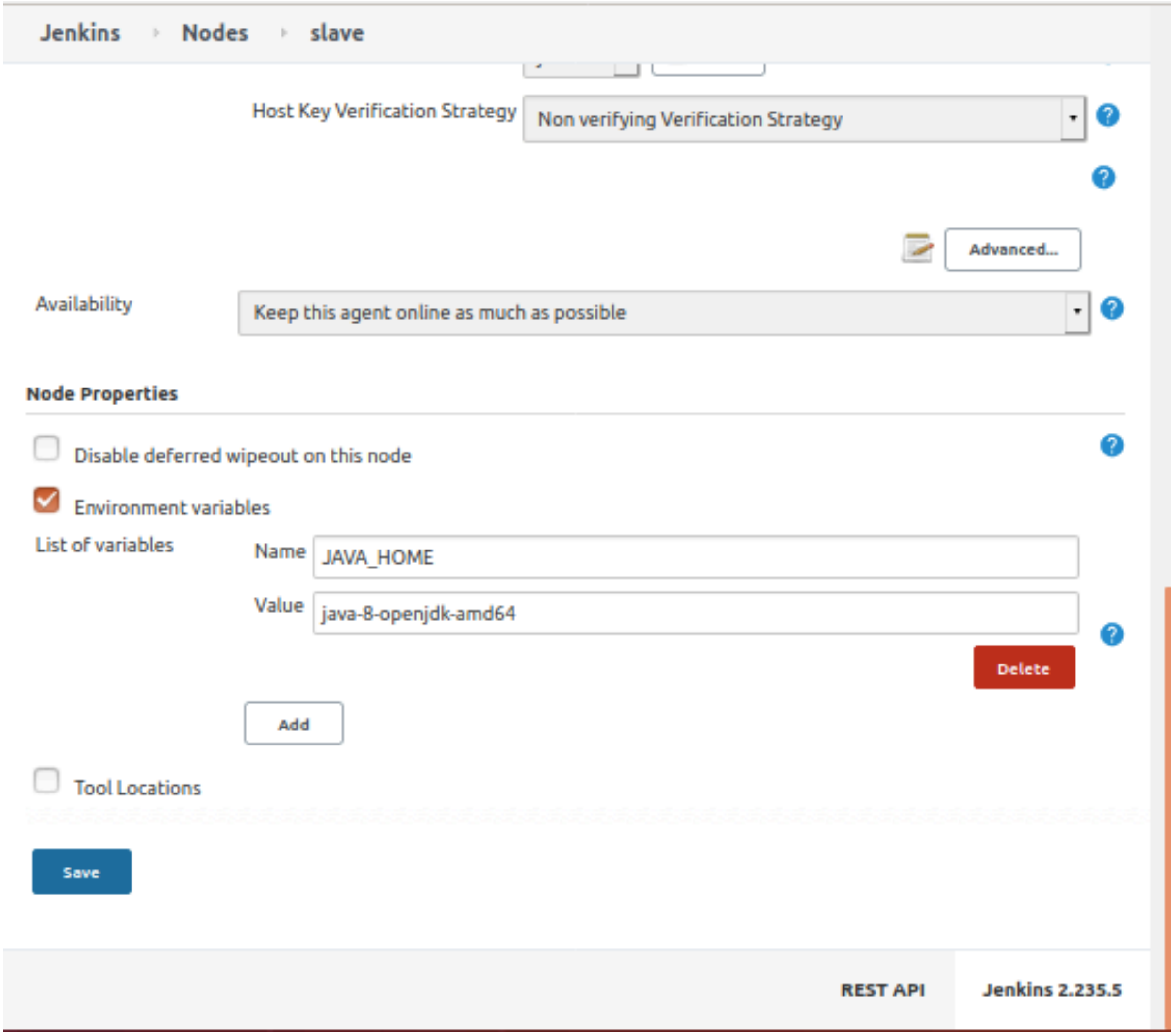
Launch method: Launch agents via SSH

Host: 172.17.0.2

Credentials: jenkins

Host Key Verification Strategy: Non verifying Verification Strategy

Availability: Keep this agent online as much as possible



Jenkins › Nodes › slave

Host Key Verification Strategy: Non verifying Verification Strategy

Advanced...

Availability: Keep this agent online as much as possible

Node Properties

☐ Disable deferred wipeout on this node

☑ Environment variables

List of variables

Name: JAVA_HOME

Value: java-8-openjdk-amd64

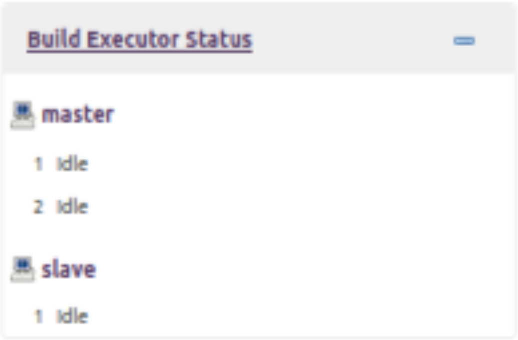
Delete

Add

☐ Tool Locations

Save

REST API Jenkins 2.235.5



Build Executor Status

master

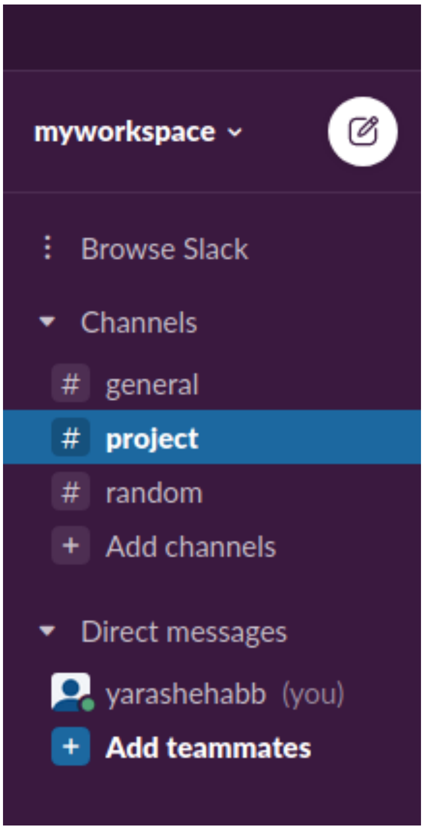
1 Idle

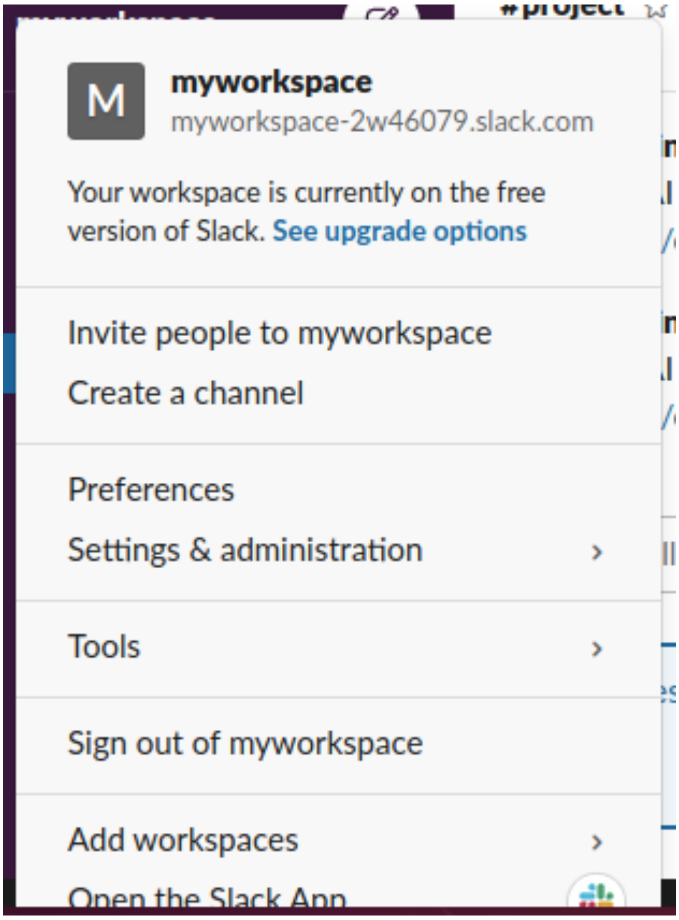
2 Idle

slave

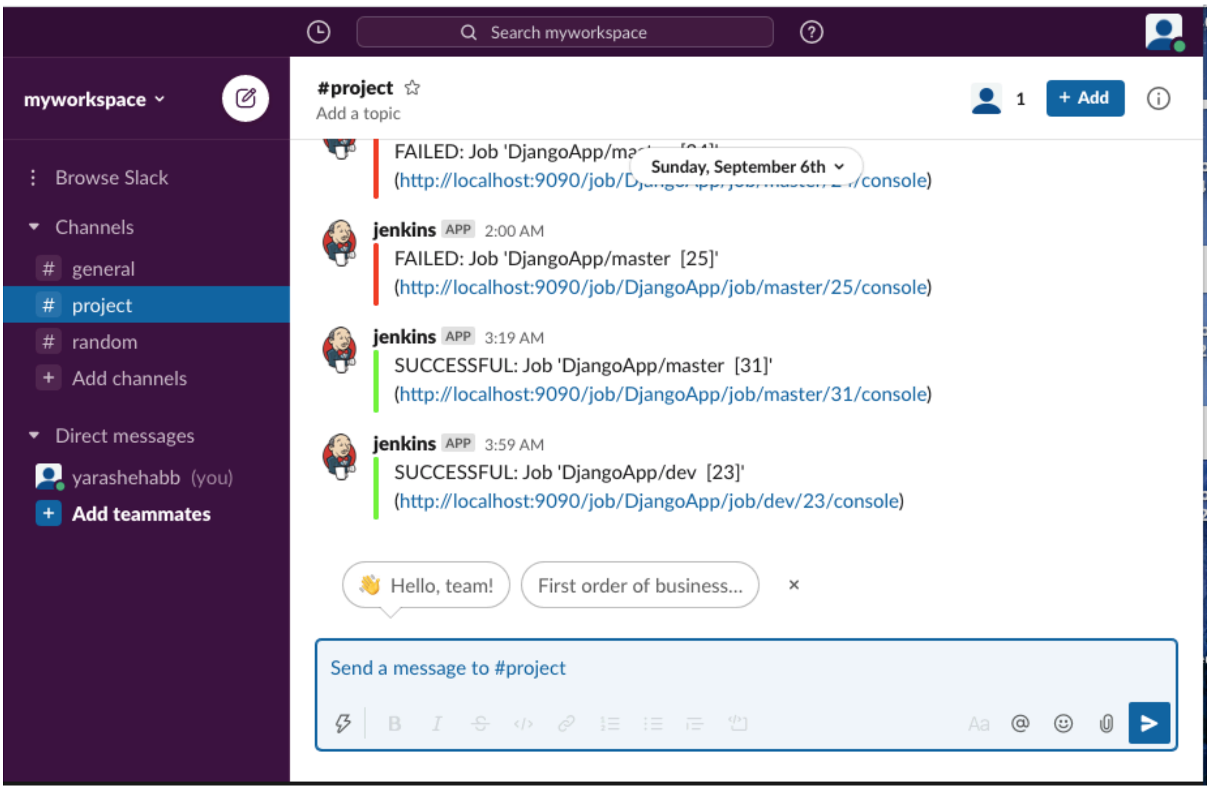
1 Idle

4. Create slack workspace and integrate it with jenkins





Your workspace is currently on the free version of Slack. See upgrade options



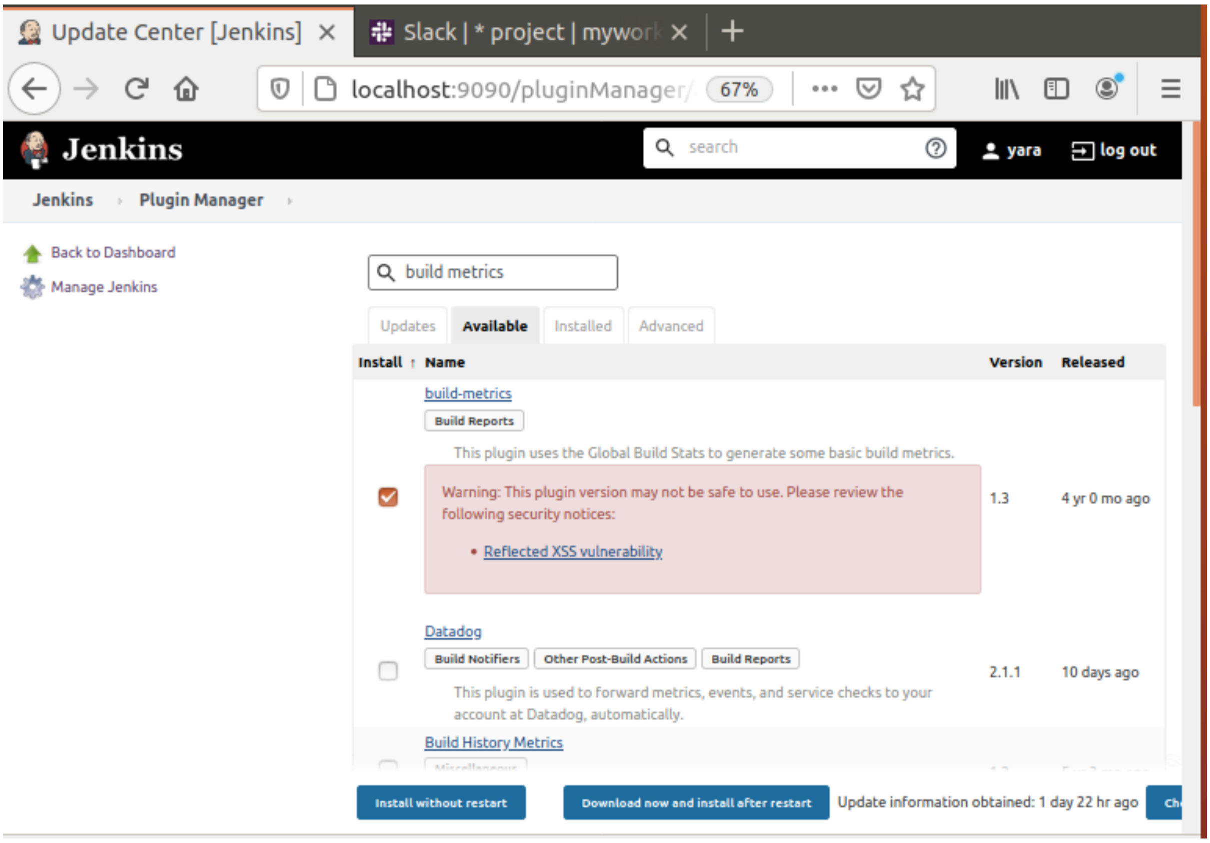
FAILED: Job 'DjangoApp/ma… [24]'
(http://localhost:9090/job/D… …/console)

jenkins APP 2:00 AM
FAILED: Job 'DjangoApp/master [25]'
(http://localhost:9090/job/DjangoApp/job/master/25/console)

jenkins APP 3:19 AM
SUCCESSFUL: Job 'DjangoApp/master [31]'
(http://localhost:9090/job/DjangoApp/job/master/31/console)

jenkins APP 3:59 AM
SUCCESSFUL: Job 'DjangoApp/dev [23]'
(http://localhost:9090/job/DjangoApp/job/dev/23/console)

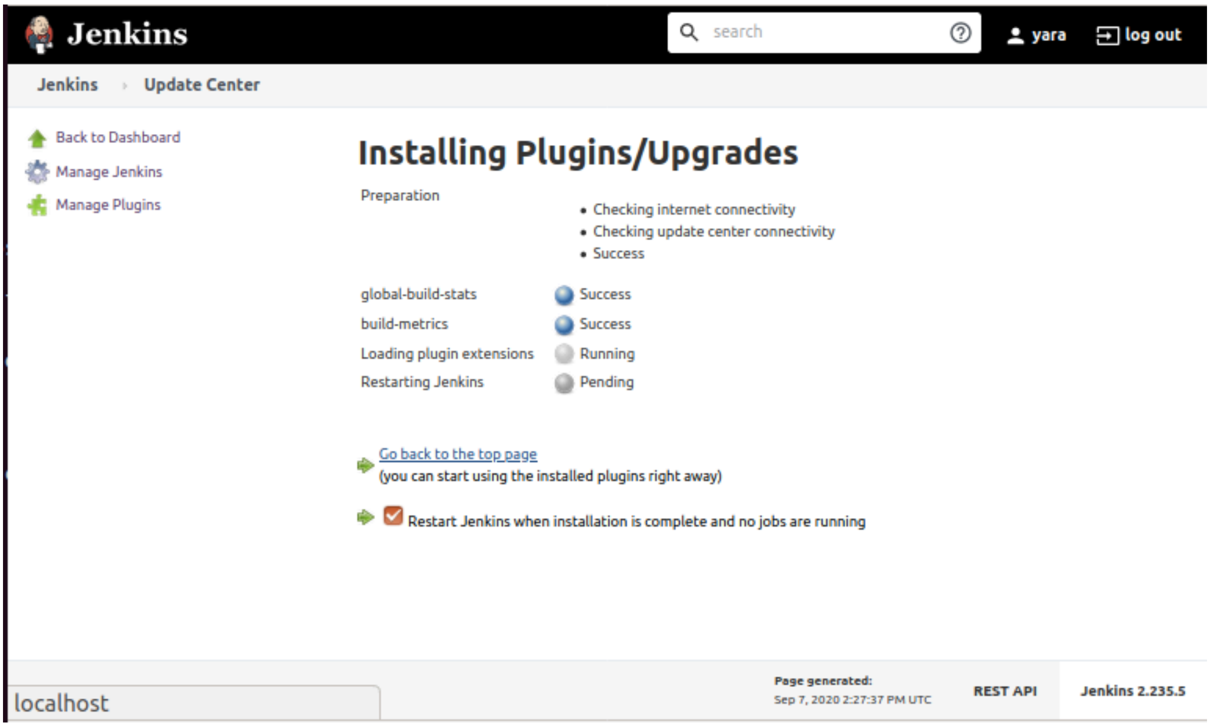
5. Install any plugin from my choice



build metrics

Install ↑	Name	Version	Released
☑	build-metrics Build Reports This plugin uses the Global Build Stats to generate some basic build metrics. Warning: This plugin version may not be safe to use. Please review the following security notices: • Reflected XSS vulnerability	1.3	4 yr 0 mo ago
☐	Datadog Build Notifiers · Other Post-Build Actions · Build Reports This plugin is used to forward metrics, events, and service checks to your account at Datadog, automatically.	2.1.1	10 days ago
☐	Build History Metrics		

Update information obtained: 1 day 22 hr ago



Installing Plugins/Upgrades

Preparation
- Checking internet connectivity
- Checking update center connectivity
- Success

global-build-stats	● Success
build-metrics	● Success
Loading plugin extensions	● Running
Restarting Jenkins	● Pending

Go back to the top page
(you can start using the installed plugins right away)

☑ Restart Jenkins when installation is complete and no jobs are running

Page generated: Sep 7, 2020 2:27:37 PM UTC
REST API
Jenkins 2.235.5

localhost

6. Write Jenkins file

For the master branch:

```
pipe
line
{
            agent {label 'slave'}
            stages {

                stage('build image') {
                    steps {

                      sh 'docker build -t yarashehab/djangoapp:v1.0 .'
                    }
                    }

                stage('push image') {
                    steps {

        withCredentials([usernamePassword(credentialsId:"docker",usernameVaria
        ble:"USERNAME",passwordVariable:"PASSWORD")]){
                      sh 'docker login --username $USERNAME --password
        $PASSWORD'

                      sh 'docker push yarashehab/djangoapp:v1.0'
                      }
                    }
                }

                stage('deploy') {
                  steps {
                    sh 'docker run -d -p 8000:8000 yarashehab/djangoapp:v1.0'
                }
                }
            }

            post {
              success {
              slackSend (color: '#00FF00', message: "SUCCESSFUL: Job
        '${env.JOB_NAME}  [${env.BUILD_NUMBER}]' (${env.BUILD_URL}console)")
              }

              failure {
              slackSend (color: '#FF0000', message: "FAILED: Job
        '${env.JOB_NAME}  [${env.BUILD_NUMBER}]' (${env.BUILD_URL}console)")
              }
```

```
      aborted {
      slackSend (color: '#000000', message: "ABORTED: Job
'${env.JOB_NAME}  [${env.BUILD_NUMBER}]' (${env.BUILD_URL}console)")
      }
    }
}
```

For the dev branch:

```
pipe
line
{
            agent {label 'slave'}
            stages {

                stage('build image') {
                    steps {

                      sh 'docker build -t yarashehab/djangoapp:v1.0 .'
                    }
                    }

                stage('push image') {
                    steps {

        withCredentials([usernamePassword(credentialsId:"docker",usernameVaria
        ble:"USERNAME",passwordVariable:"PASSWORD")]){
                      sh 'docker login --username $USERNAME --password
        $PASSWORD'

                      sh 'docker push yarashehab/djangoapp:v1.0'
                      }
                    }
                }

                stage('deploy') {
                  steps {
                    sh 'docker run -d -p 7070:8000 yarashehab/djangoapp:v1.0'
                }
                }
            }

            post {
              success {
```

```
            slackSend (color: '#00FF00', message: "SUCCESSFUL: Job
      '${env.JOB_NAME}  [${env.BUILD_NUMBER}]' (${env.BUILD_URL}console)")
            }

            failure {
            slackSend (color: '#FF0000', message: "FAILED: Job
      '${env.JOB_NAME}  [${env.BUILD_NUMBER}]' (${env.BUILD_URL}console)")
            }

            aborted {
            slackSend (color: '#000000', message: "ABORTED: Job
      '${env.JOB_NAME}  [${env.BUILD_NUMBER}]' (${env.BUILD_URL}console)")
            }
          }
      }
```

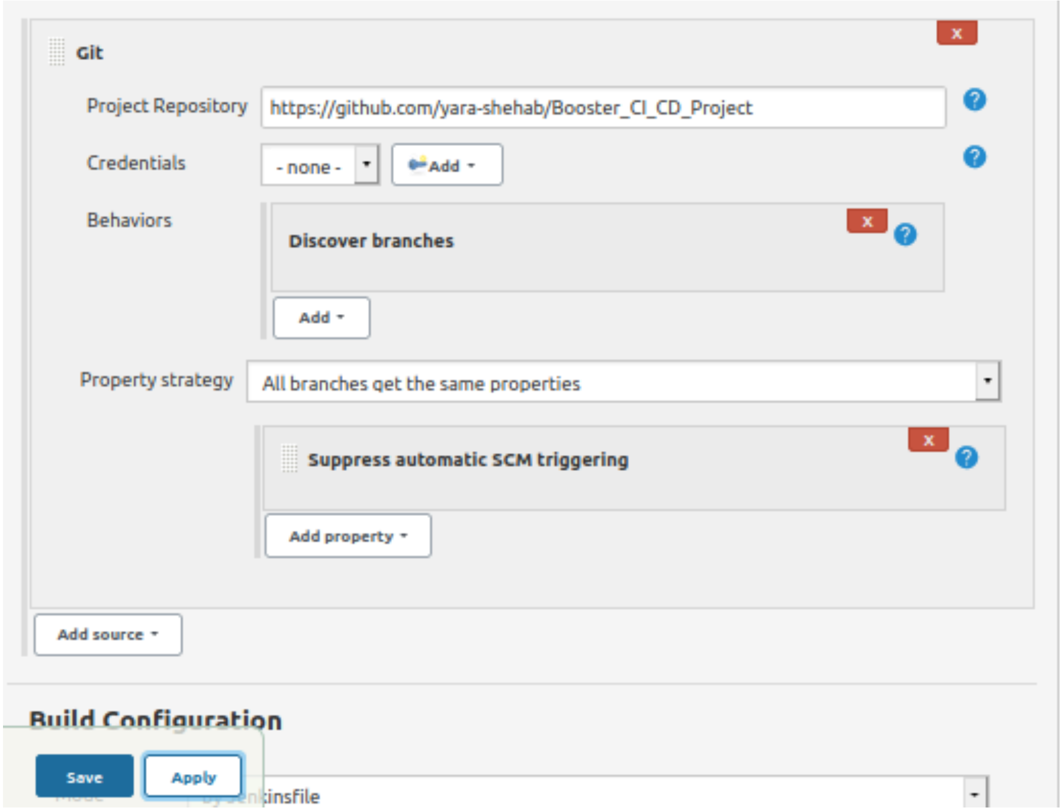
The docker file for the master branch of the repo:

```
FROM
python:3.6-
buster
              ADD . /simpleApp
              WORKDIR /simpleApp
              RUN pip install -r requirements.txt
              RUN python3.6 manage.py makemigrations
              RUN python3.6 manage.py migrate
              EXPOSE 8000
              CMD ["python3.6", "manage.py" ,"runserver" ,"0.0.0.0:8000"]
```

The docker file for the dev branch of the repo:

```
FROM
python:3.6-
buster
              ADD . /simpleApp
              WORKDIR /simpleApp
              RUN pip install -r requirements.txt
              RUN python3.6 manage.py makemigrations
              RUN python3.6 manage.py migrate
              EXPOSE 8000
              CMD ["python3.6", "manage.py" ,"runserver" ,"0.0.0.0:8000"]
```

7. Configure multibranch pipeline type with the forked git repo url



Git

Project Repository: https://github.com/yara-shehab/Booster_CI_CD_Project

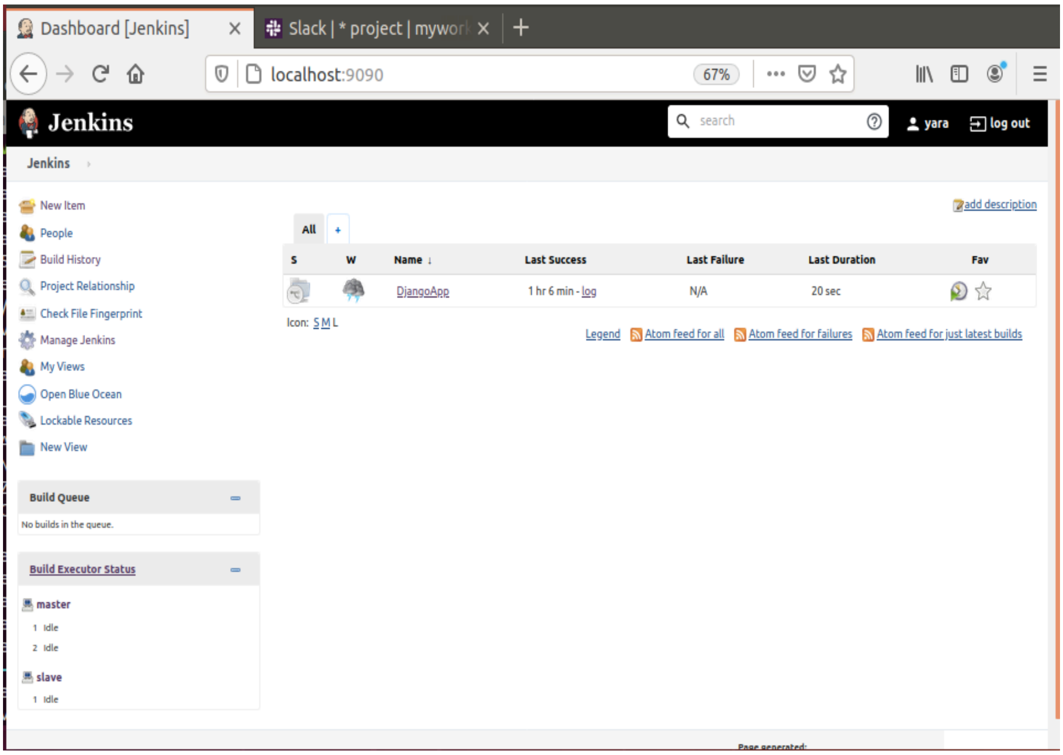
Credentials: - none -

Behaviors: Discover branches

Property strategy: All branches get the same properties

Suppress automatic SCM triggering

Build Configuration



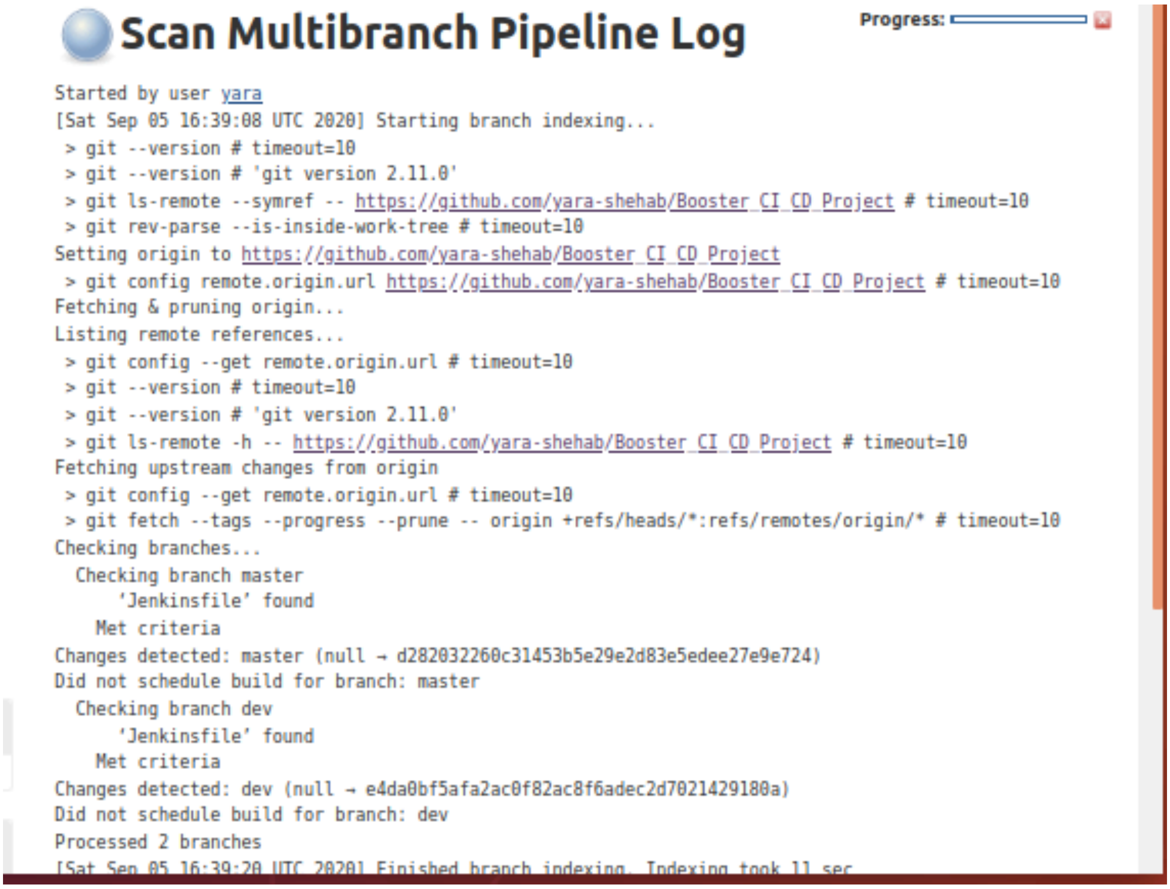
S	W	Name ↓	Last Success	Last Failure	Last Duration	Fav
		DjangoApp	1 hr 6 min - log	N/A	20 sec	☆

No builds in the queue.

Build Executor Status

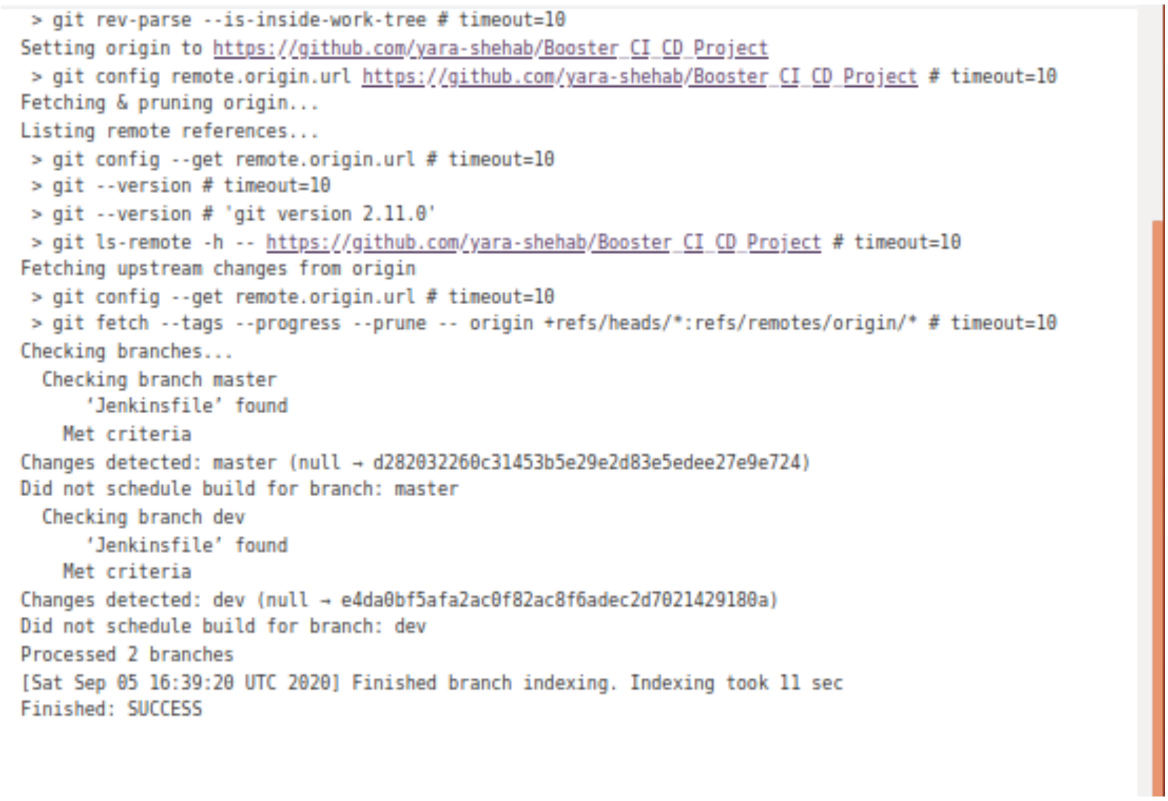
master
1 Idle
2 Idle

slave
1 Idle



Scan Multibranch Pipeline Log

```
Started by user yara
[Sat Sep 05 16:39:08 UTC 2020] Starting branch indexing...
 > git --version # timeout=10
 > git --version # 'git version 2.11.0'
 > git ls-remote --symref -- https://github.com/yara-shehab/Booster_CI_CD_Project # timeout=10
 > git rev-parse --is-inside-work-tree # timeout=10
Setting origin to https://github.com/yara-shehab/Booster_CI_CD_Project
 > git config remote.origin.url https://github.com/yara-shehab/Booster_CI_CD_Project # timeout=10
Fetching & pruning origin...
Listing remote references...
 > git config --get remote.origin.url # timeout=10
 > git --version # timeout=10
 > git --version # 'git version 2.11.0'
 > git ls-remote -h -- https://github.com/yara-shehab/Booster_CI_CD_Project # timeout=10
Fetching upstream changes from origin
 > git config --get remote.origin.url # timeout=10
 > git fetch --tags --progress --prune -- origin +refs/heads/*:refs/remotes/origin/* # timeout=10
Checking branches...
  Checking branch master
      'Jenkinsfile' found
    Met criteria
Changes detected: master (null → d282032260c31453b5e29e2d83e5edee27e9e724)
Did not schedule build for branch: master
  Checking branch dev
      'Jenkinsfile' found
    Met criteria
Changes detected: dev (null → e4da0bf5afa2ac0f82ac8f6adec2d7021429180a)
Did not schedule build for branch: dev
Processed 2 branches
[Sat Sep 05 16:39:20 UTC 2020] Finished branch indexing. Indexing took 11 sec
```



```
 > git rev-parse --is-inside-work-tree # timeout=10
Setting origin to https://github.com/yara-shehab/Booster_CI_CD_Project
 > git config remote.origin.url https://github.com/yara-shehab/Booster_CI_CD_Project # timeout=10
Fetching & pruning origin...
Listing remote references...
 > git config --get remote.origin.url # timeout=10
 > git --version # timeout=10
 > git --version # 'git version 2.11.0'
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Fetching upstream changes from origin
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 > git fetch --tags --progress --prune -- origin +refs/heads/*:refs/remotes/origin/* # timeout=10
Checking branches...
  Checking branch master
      'Jenkinsfile' found
    Met criteria
Changes detected: master (null → d282032260c31453b5e29e2d83e5edee27e9e724)
Did not schedule build for branch: master
  Checking branch dev
      'Jenkinsfile' found
    Met criteria
Changes detected: dev (null → e4da0bf5afa2ac0f82ac8f6adec2d7021429180a)
Did not schedule build for branch: dev
Processed 2 branches
[Sat Sep 05 16:39:20 UTC 2020] Finished branch indexing. Indexing took 11 sec
Finished: SUCCESS
```
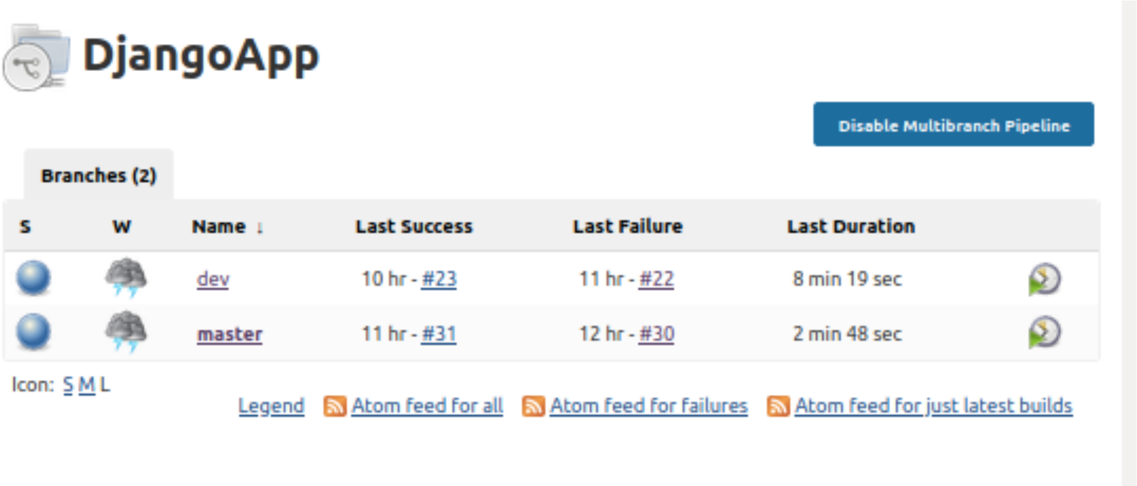



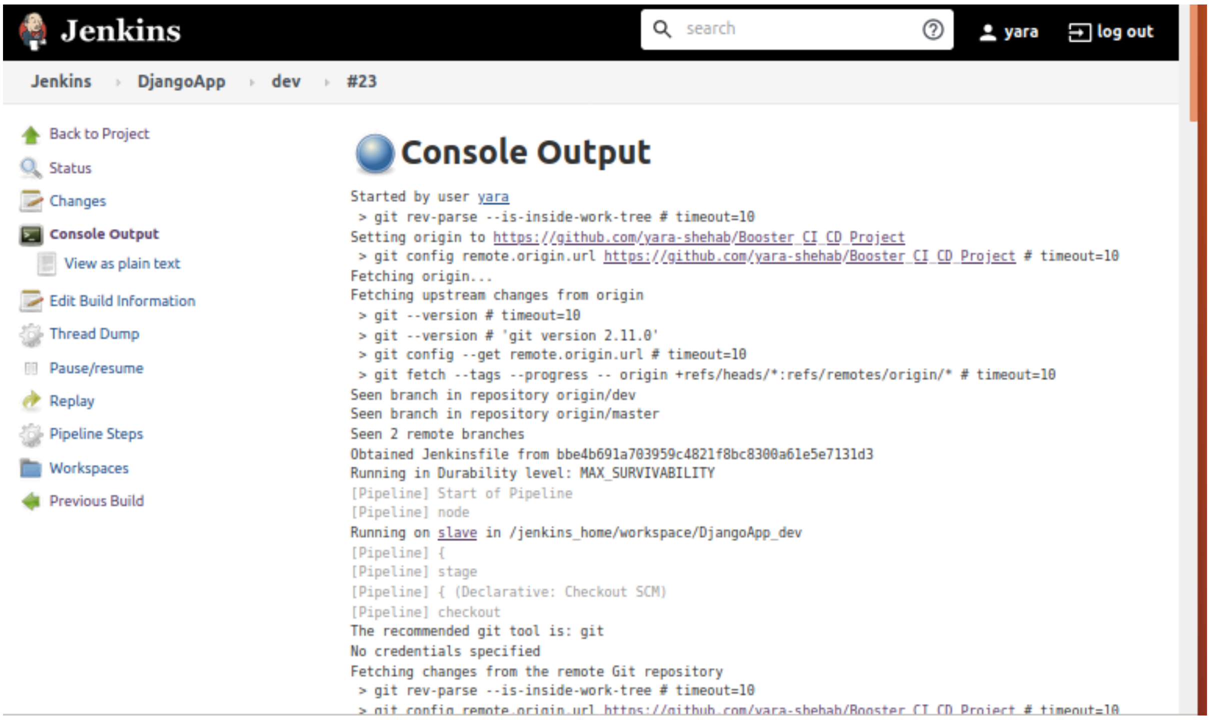
DjangoApp

Disable Multibranch Pipeline

Branches (2)

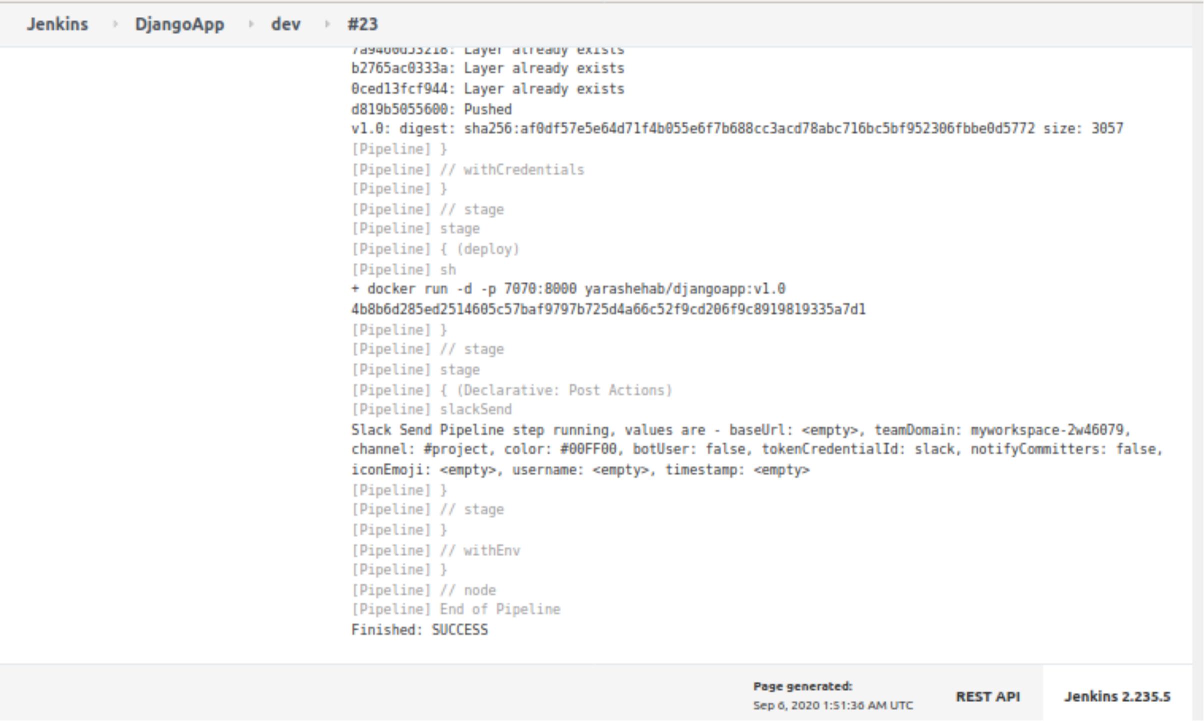
S	W	Name ↓	Last Success	Last Failure	Last Duration
●		dev	10 hr - #23	11 hr - #22	8 min 19 sec
●		master	11 hr - #31	12 hr - #30	2 min 48 sec

Icon: S M L
Legend
Atom feed for all
Atom feed for failures
Atom feed for just latest builds



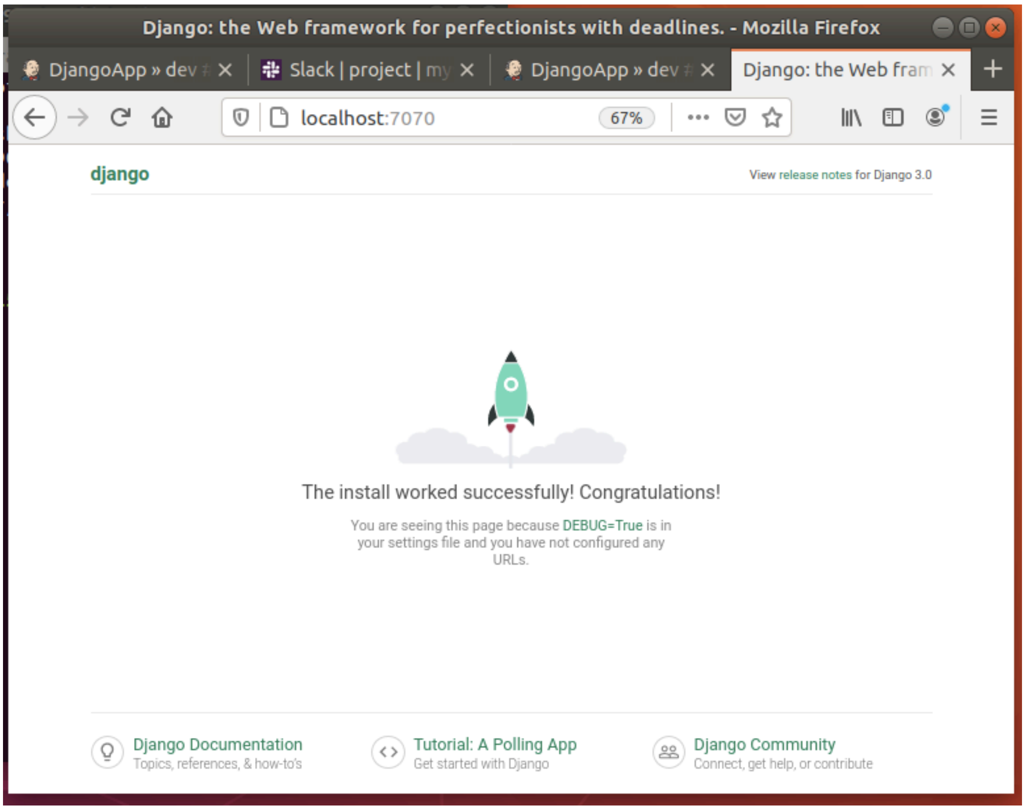
Console Output

```
Started by user yara
 > git rev-parse --is-inside-work-tree # timeout=10
Setting origin to https://github.com/yara-shehab/Booster_CI_CD_Project
 > git config remote.origin.url https://github.com/yara-shehab/Booster_CI_CD_Project # timeout=10
Fetching origin...
Fetching upstream changes from origin
 > git --version # timeout=10
 > git --version # 'git version 2.11.0'
 > git config --get remote.origin.url # timeout=10
 > git fetch --tags --progress -- origin +refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/dev
Seen branch in repository origin/master
Seen 2 remote branches
Obtained Jenkinsfile from bbe4b691a703959c4821f8bc8300a61e5e7131d3
Running in Durability level: MAX_SURVIVABILITY
[Pipeline] Start of Pipeline
[Pipeline] node
Running on slave in /jenkins_home/workspace/DjangoApp_dev
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
The recommended git tool is: git
No credentials specified
Fetching changes from the remote Git repository
 > git rev-parse --is-inside-work-tree # timeout=10
 > git config remote.origin.url https://github.com/yara-shehab/Booster_CI_CD_Project # timeout=10
```



```
7a9460d53218: Layer already exists
b2765ac0333a: Layer already exists
0ced13fcf944: Layer already exists
d819b5055600: Pushed
v1.0: digest: sha256:af0df57e5e64d71f4b055e6f7b688cc3acd78abc716bc5bf952306fbbe0d5772 size: 3057
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (deploy)
[Pipeline] sh
+ docker run -d -p 7070:8000 yarashehab/djangoapp:v1.0
4b8b6d285ed2514605c57baf9797b725d4a66c52f9cd206f9c8919819335a7d1
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] slackSend
Slack Send Pipeline step running, values are - baseUrl: <empty>, teamDomain: myworkspace-2w46079,
channel: #project, color: #00FF00, botUser: false, tokenCredentialId: slack, notifyCommitters: false,
iconEmoji: <empty>, username: <empty>, timestamp: <empty>
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

The dev branch localhost: 7070

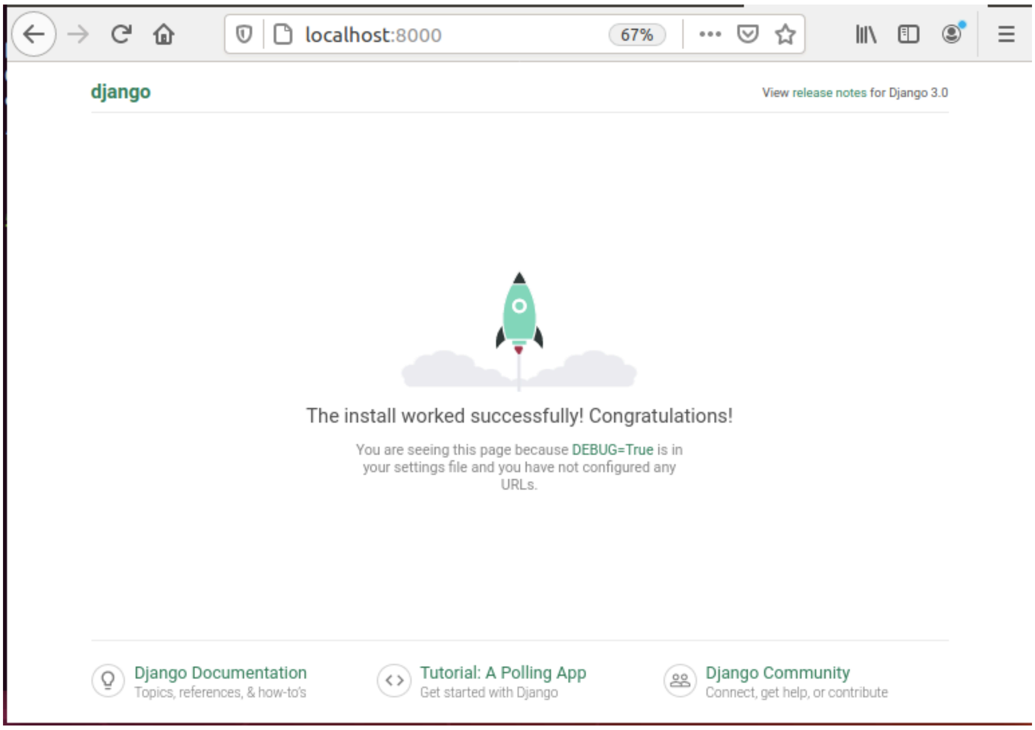


Django: the Web framework for perfectionists with deadlines. - Mozilla Firefox

The install worked successfully! Congratulations!

You are seeing this page because DEBUG=True is in your settings file and you have not configured any URLs.

The master branch localhost: 8000

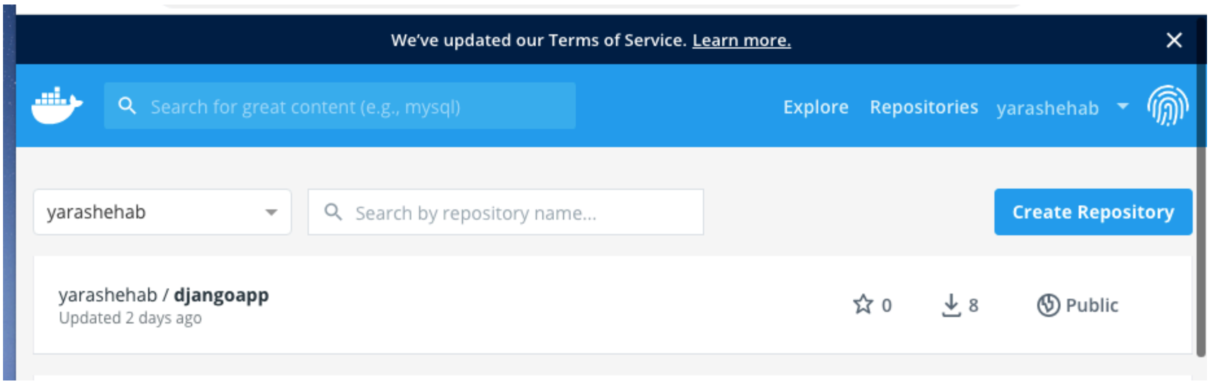


The install worked successfully! Congratulations!

You are seeing this page because DEBUG=True is in your settings file and you have not configured any URLs.

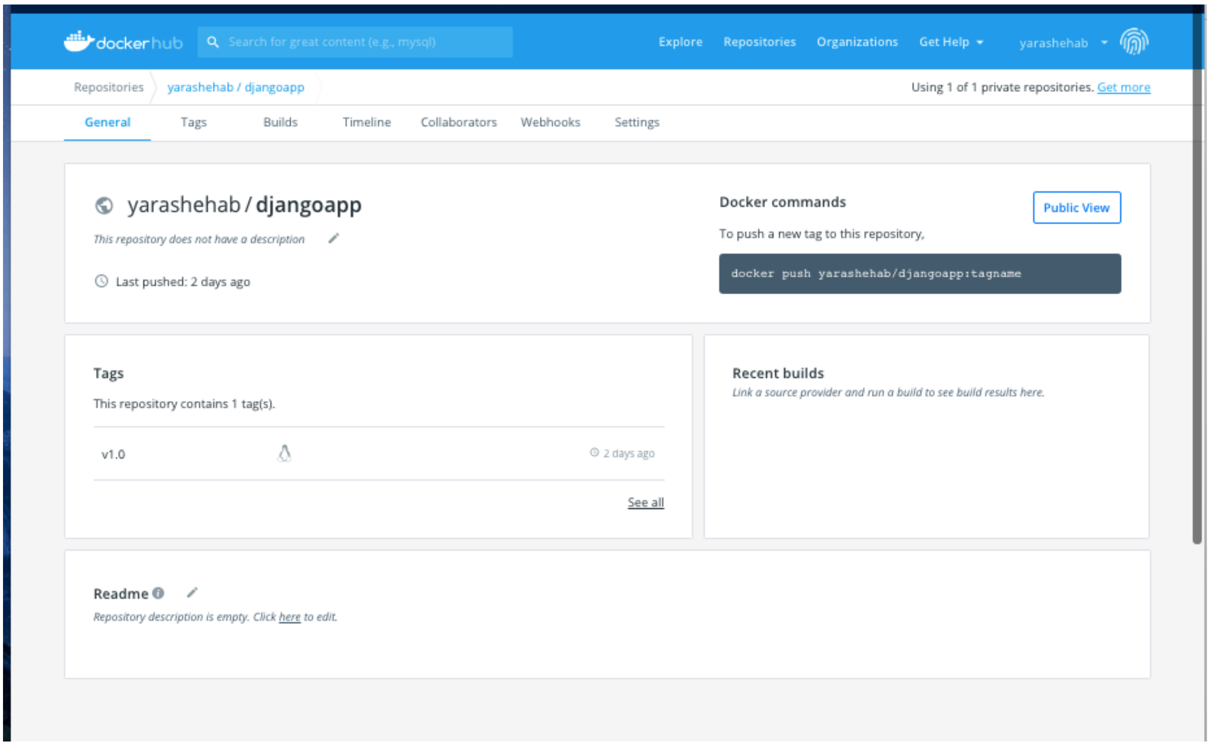
The images are pushed to the docker registry (docker hub) as it was a step written in the Jenkins file for both the dev and master branch but

Note: they are overridden since they had the same name


Explore
Repositories
yarashehab
Search for great content (e.g., mysql)
Search by repository name...
Create Repository
0
8
Public

We've updated our Terms of Service. Learn more.

yarashehab / **djangoapp**
Updated 2 days ago



Using 1 of 1 private repositories. Get more

yarashehab / **djangoapp**

This repository does not have a description

Last pushed: 2 days ago

Docker commands

To push a new tag to this repository,

```
docker push yarashehab/djangoapp:tagname
```

Tags

This repository contains 1 tag(s).

v1.0 2 days ago

Recent builds

Link a source provider and run a build to see build results here.

Readme

Repository description is empty. Click here to edit.