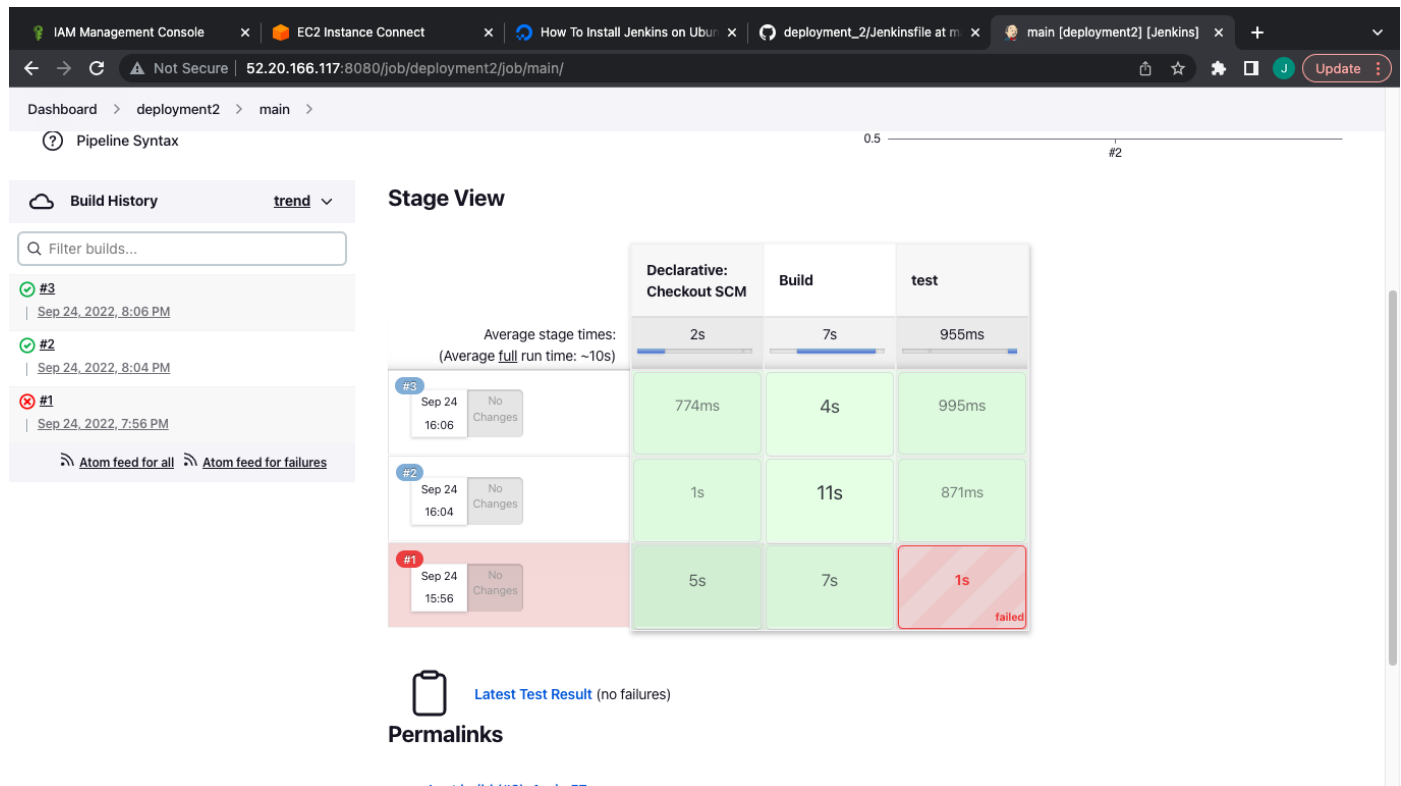


# Images showing what happens at Important stages of deployment



The diagram above shows the build and test stages being successful after the build on Jenkins. The first fail was because venv was not installed before. To install it do `sudo apt install python3-venv`

```
How To In x | URL Short x | EC2 Instan x | kuralabs_ x | kuralabs_ x | Editing DE x | How to Ad x | main [dep x | Editing ku x | kuralabs_ x | +
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0a8511483ec3e2a61&os...
aws Services Search for services, features, blogs, docs, and more [Option+S] N. Virginia jamarik
2022-09-29 17:36:28 INFO Using elasticbeanstalk-us-east-1-089711612692 as Amazon S3 storage bucket for environment data.
2022-09-29 17:36:50 INFO Created target group named: arn:aws:elasticloadbalancing:us-east-1:089711612692:targetgroup/awseb-AWSEB-1B1M3V46AVBDH/c
758811baf49ff52
2022-09-29 17:36:50 INFO Created security group named: sg-065a68cad2418d872
2022-09-29 17:37:05 INFO Created security group named: awseb-e-tphgjp16n-stack-AWSEBSecurityGroup-2BPCN3Y9F653
2022-09-29 17:37:21 INFO Created Auto Scaling launch configuration named: awseb-e-tphgjp16n-stack-AWSEBAutoScalingLaunchConfiguration-SikoOjZ5c
bwL
2022-09-29 17:38:07 INFO Created Auto Scaling group named: awseb-e-tphgjp16n-stack-AWSEBAutoScalingGroup-1A62QYHB5ZDSX
2022-09-29 17:38:08 INFO Waiting for EC2 instances to launch. This may take a few minutes.
2022-09-29 17:38:23 INFO Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-1:089711612692:scalingPolicy:7774c46f-1d9d-49d5-b2
2e-0c6e20ebdf6e:autoScalingGroupName/awseb-e-tphgjp16n-stack-AWSEBAutoScalingGroup-1A62QYHB5ZDSX:policyName/awseb-e-tphgjp16n-stack-AWSEBAutoScaling
ScaleUpPolicy-kRMbuGmMPsW4
2022-09-29 17:38:23 INFO Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-1:089711612692:scalingPolicy:1b9954bb-e2f2-40cb-88
9a-19fe6ddec507:autoScalingGroupName/awseb-e-tphgjp16n-stack-AWSEBAutoScalingGroup-1A62QYHB5ZDSX:policyName/awseb-e-tphgjp16n-stack-AWSEBAutoScaling
ScaleDownPolicy-Eli85sJBjXId
2022-09-29 17:38:23 INFO Created CloudWatch alarm named: awseb-e-tphgjp16n-stack-AWSEBCloudwatchAlarmHigh-4RXTV5G5STOR
2022-09-29 17:38:23 INFO Created CloudWatch alarm named: awseb-e-tphgjp16n-stack-AWSEBCloudwatchAlarmLow-VX3SZT2JCXC1
2022-09-29 17:38:57 INFO Created load balancer named: arn:aws:elasticloadbalancing:us-east-1:089711612692:loadbalancer/app/awseb-AWSEB-1TUCN1DUB
PHXG/7b098b02d4bf9368
2022-09-29 17:39:12 INFO Created Load Balancer listener named: arn:aws:elasticloadbalancing:us-east-1:089711612692:listener/app/awseb-AWSEB-1TUC
N1DUBPHXG/7b098b02d4bf9368/095fc0e943bf7043
2022-09-29 17:39:26 INFO Instance deployment successfully generated a 'Procfile'.
2022-09-29 17:39:29 INFO Instance deployment completed successfully.
2022-09-29 17:39:44 INFO Application available at Deploy2-main-dev.us-east-1.elasticbeanstalk.com.
2022-09-29 17:39:45 INFO Successfully launched environment: Deploy2-main-dev
jenkins@ip-172-31-89-232:~/workspace/Deploy2_main$
i-0a8511483ec3e2a61 (deploym2)
PublicIPs: 3.89.115.221 PrivateIPs: 172.31.89.232
Feedback Looking for language selection? Find it in the new Unified Settings 2 © 2022, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences
```

The diagram above shows what happens after the eb commands are ran and the environment is successfully launched. Highlighted is the name of the created environment. “Deploy2-main-dev”

URL Shortener API [New URL](#)

### Website

Short Name

Website URL

Shorten

### File

Short Name

Website URL

No file chosen

Shorten

After the above step is recognized, if you navigate to the aws service elastic beanstalk and click link available, you will be taken to this page. Which is the deployed app. Also this means your initial deployment is successful.

Dashboard > deploy2 > main

Status

Changes

**Build Now**

View Configuration

Full Stage View

GitHub

Pipeline Syntax

Build History

trend

Filter builds...

#4  
Sep 29, 2022, 5:42 PM

#3  
Sep 29, 2022, 5:22 PM

Atom feed for all

Atom feed for failures

Branch main

Full project name: Deploy2/main

Stage View

Average stage times:  
(Average full run time: ~25s)

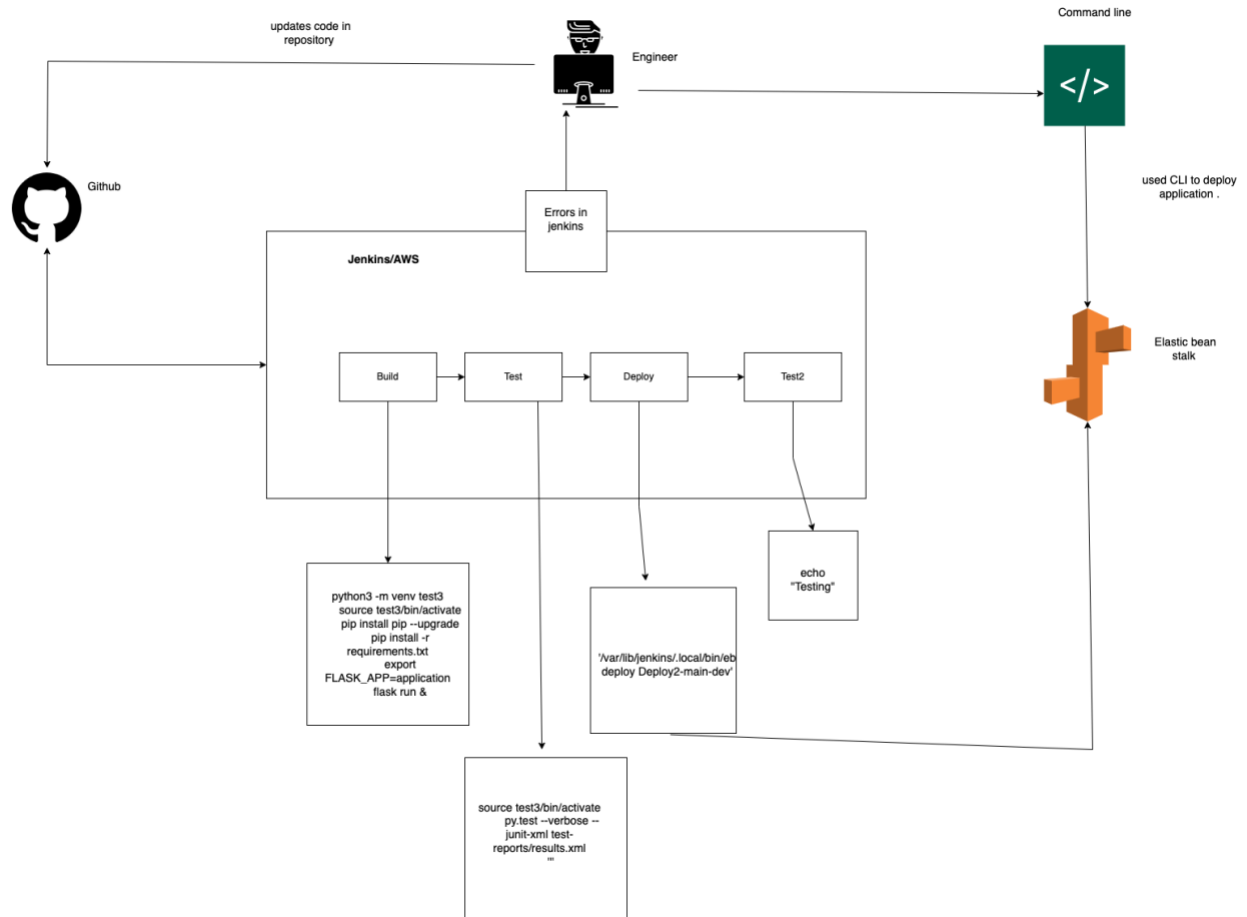
	Declarative: Checkout SCM	Build	test	Deploy	Test2
#4 Sep 29 13:42 1 commit	922ms	4s	854ms	34s	86ms
#3 Sep 29 13:22 No Changes	862ms	4s	724ms	34s	86ms
	983ms	4s	984ms		

Permalinks

REST API

Jenkins 2.361.1

The above photo shows that the build, test, deploy and test2 stages are also successful.



The above picture shows the whole pipeline and the technologies used.