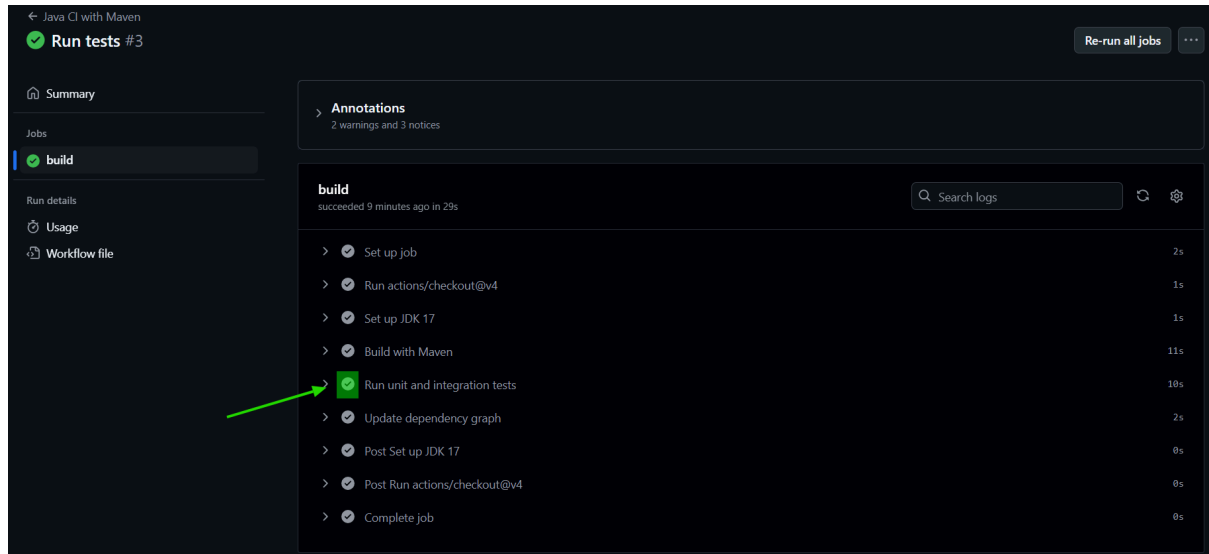


# Evidencias Taller de CI/CD

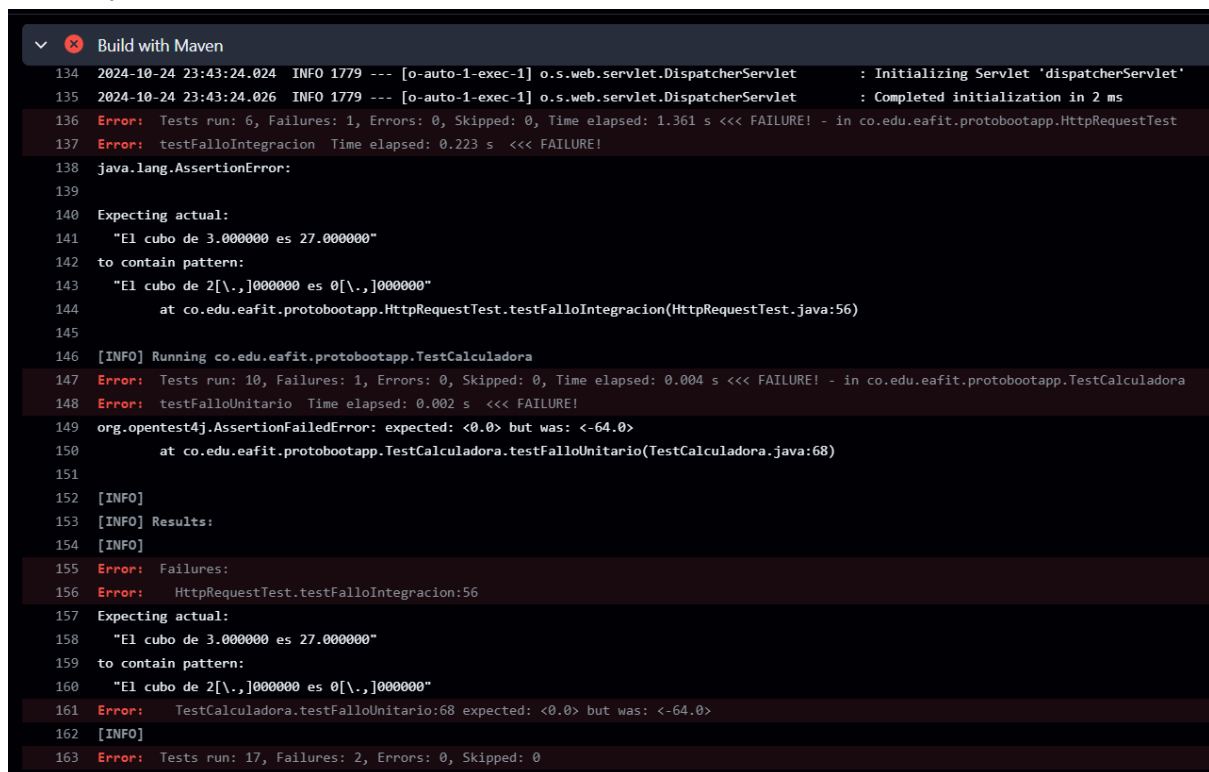
Pablo Maya Villegas

## Github:

Se corren todas las pruebas exitosamente

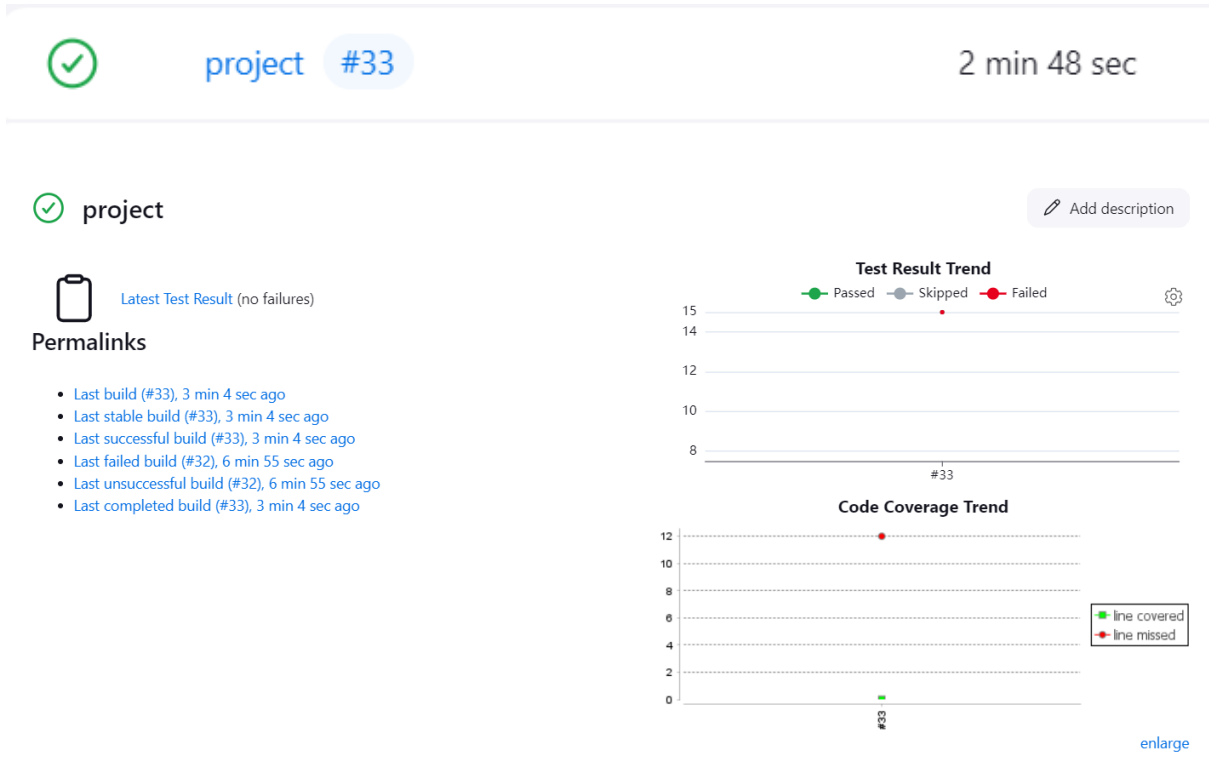


Cuando falla algún test unitario o de integración, se detecta cuales fueron exitosos, cuales fallaron y los que fallaron se muestra por qué



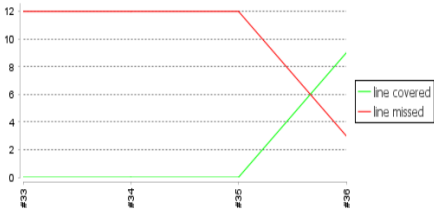
## Jenkins:

Pruebas normales funcionando:



JaCoCo Coverage Report

 [Download jacoco.exec binary coverage file](#)




Overall Coverage Summary

name	instruction	branch	complexity	line	method	class
all classes	88% <div><div></div></div> M: 10 C: 74	100% <div><div></div></div> M: 0 C: 0	78% <div><div></div></div> M: 2 C: 7	75% <div><div></div></div> M: 3 C: 9	78% <div><div></div></div> M: 2 C: 7	100% <div><div></div></div> M: 0 C: 2

Coverage Breakdown by Package


name	instruction	branch	complexity	line	method	class
co.edu.eafit.protobootapp	M: 10 C: 74 88% <div><div></div></div>	M: 0 C: 0 100% <div><div></div></div>	M: 2 C: 7 78% <div><div></div></div>	M: 3 C: 9 75% <div><div></div></div>	M: 2 C: 7 78% <div><div></div></div>	M: 0 C: 2 100% <div><div></div></div>


Editar Checkstyle y Coveredratio:





### Jacoco - Overall Coverage Summary


INSTRUCTION	88%	<div><div></div></div>
BRANCH	100%	<div><div></div></div>
COMPLEXITY	78%	<div><div></div></div>
LINE	75%	<div><div></div></div>
CLASS	100%	<div><div></div></div>



Maven: No warnings 

- No issues for 7 builds, i.e. since build:  #33



CheckStyle: 27 warnings 

Blue Ocean:

2 tests have failed

There are 0 new tests failing, 2 existing failing and 0 skipped.

Existing failures - 2

> testFallolntegracion - co.edu.eafit.protobootapp.HttpRequestTest

<1s

> testFalloUnitario - co.edu.eafit.protobootapp.TestCalculadora

<1s

Passed - 15

> testSaludoPorDefecto - co.edu.eafit.protobootapp.HttpRequestTest

<1s

> testCuadradoNumero - co.edu.eafit.protobootapp.HttpRequestTest

<1s

> testCuboPorDefecto - co.edu.eafit.protobootapp.HttpRequestTest

<1s

> testCuadradoPorDefecto - co.edu.eafit.protobootapp.HttpRequestTest

<1s

> testCuboNumero - co.edu.eafit.protobootapp.HttpRequestTest

<1s

> contextLoads - co.edu.eafit.protobootapp.ProtobootappApplicationTests

<1s

> testCuadradoPositivo - co.edu.eafit.protobootapp.TestCalculadora

<1s

> testCuadradoNegativo - co.edu.eafit.protobootapp.TestCalculadora

<1s

> testCuadradoCero - co.edu.eafit.protobootapp.TestCalculadora

<1s

> testCuboMenosUno - co.edu.eafit.protobootapp.TestCalculadora

<1s

> testCuadradoUno - co.edu.eafit.protobootapp.TestCalculadora

<1s

> testCuboUno - co.edu.eafit.protobootapp.TestCalculadora

<1s

> testCuboCero - co.edu.eafit.protobootapp.TestCalculadora

<1s

! project < 39

Pipeline

Changes

Tests 2

Artifacts

Branch: —

8s

No changes

Commit: —

2 minutes ago

Started by user Pablo Maya

NAME	SIZE
<a href="#">pipeline.log</a>	-

## AWS Beanstalk:

Todo funcionando correctamente:

Environments (2) Info

Actions

Create environment

Q Filter environments

< 1 >

	Environment name	Health	Applica...	Platform	Domain	Runnin...	Tier na...
<input type="radio"/>	<a href="#">Protobootapp-env</a>	Ok	<a href="#">protoboot...</a>	Corretto 2...	<a href="#">Protobootapp-env.eba-kixj64p...</a>	code-pipe...	WebServ
<input type="radio"/>	<a href="#">Protobootapp-prod</a>	Ok	<a href="#">protoboot...</a>	Corretto 2...	<a href="#">Protobootapp-prod.eba-kixj64...</a>	-	WebServ

Introducing the new V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model. [Learn more](#)

Pipelines Info

Notify

View history

Release change

Delete pipeline

Create pipeline

Q

< 1 >

	Name	Latest execution status	Latest source revisions	Latest execution started	Most recent executions
<input type="radio"/>	<a href="#">protobootapp-pipeline</a> (Type: V2   Execution mode: QUEUED)	Succeeded	Source - <a href="#">573ccc6a</a> Removed fail tests	28 minutes ago	<div></div> <div></div> View details

### Review

Action name: protobootapp-action    Status: Waiting for approval

Details

Revisions

Trigger

**Webhook**

- arn:aws:codepipeline:us-east-2:314146296133:webhook:protobootapppipeline--Source--pmayaviintegrcont--502031069

Comments about this action

<http://protobootapp-env.eba-kixj64pe.us-east-2.elasticbeanstalk.com/>

URL for review

<http://protobootapp-env.eba-kixj64pe.us-east-2.elasticbeanstalk.com/>

Decision

☒ Approve  
Approving will resume the pipeline execution.

☐ Reject  
Rejecting will stop the pipeline execution with a failed status.

Comments - optional    ☐ Preview markdown    [Learn more](#)

Cancel    Submit

protobootapp-action

[Manual approval](#)

Approved - Just now

View details

573ccc6a    Source: Removed fail tests

Disable transition

ProductionDeploy    Succeeded

Start rollback

Pipeline execution ID: 84ddeaa6-bdaf-46e7-82f7-bcdcfbccc614

ProdDeploy

[AWS Elastic Beanstalk](#)

Succeeded - Just now

View details

573ccc6a    Source: Removed fail tests

Fallando las pruebas unitarias y de integracion:

Introducing the new V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model. [Learn more](#)

**Pipelines** Info Refresh Notify View history Release change Delete pipeline Create pipeline

Search:

	Name	Latest execution status	Latest source revisions	Latest execution started	Most recent executions
<input type="radio"/>	<b>protobootapp-pipeline</b> (Type: V2   Execution mode: QUEUED)	<span>In progress</span>	<b>Source</b> – <a href="#">a385c8d3</a> Restored failing tests	1 minute ago	<span>⏮</span> <span>✅</span> <span>❌</span> <a href="#">View details</a>

Introducing the new V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model. [Learn more](#)

**Pipelines** Info Refresh Notify View history Release change Delete pipeline Create pipeline

Search:

	Name	Latest execution status	Latest source revisions	Latest execution started	Most recent executions
<input type="radio"/>	<b>protobootapp-pipeline</b> (Type: V2   Execution mode: QUEUED)	<span>Failed</span>	<b>Source</b> – <a href="#">a385c8d3</a> Restored failing tests	3 minutes ago	<span>❌</span> <span>✅</span> <span>❌</span> <a href="#">View details</a>

Disable transition

❌ Build Failed Auto retry attempt View retry metadata Start rollback Retry stage Retry failed actions

Pipeline execution ID: [c2d655ad-e1f8-4aa0-9486-0ff524702b7c](#)

Build

[AWS CodeBuild](#)

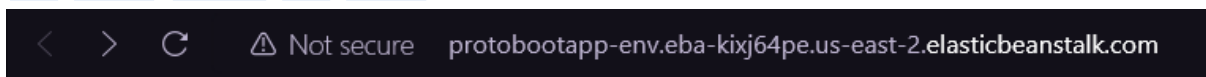
❌ Failed - Just now

View details

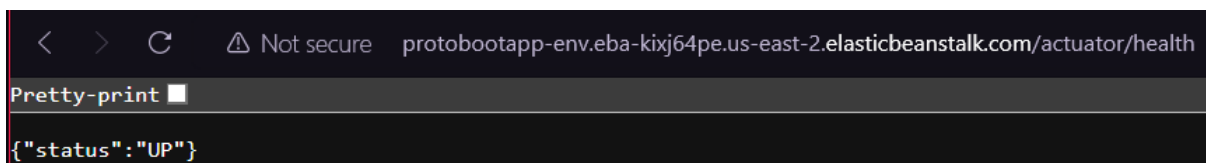
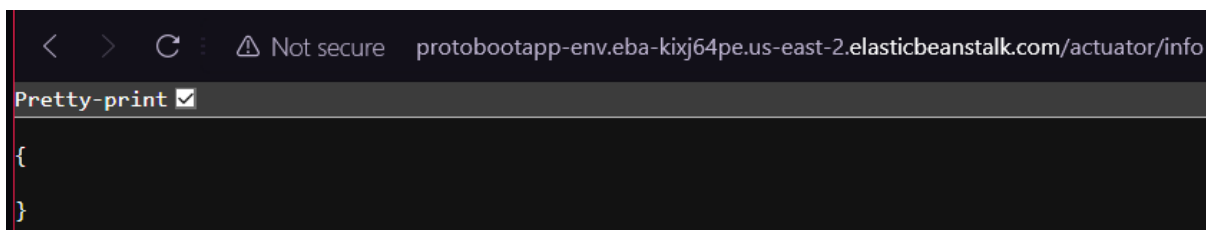
[a385c8d3](#) [Source](#): Restored failing tests

✅  
❌  
✅  
✅  
✅

URLs funcionando: <http://protobootapp-env.eba-kixj64pe.us-east-2.elasticbeanstalk.com>  
[Info](#) [health](#) [metrics](#) [env](#) [beans](#)



Bienvenido! Esta aplicación ayuda a elevar números cualquiera a sus potencias.



< > ↻ ⚠ Not secure protobootapp-env.eba-kixj64pe.us-east-2.elasticbeanstalk.com/actuator/metrics

Pretty-print ☒

```
{
  "names": [
    "application.ready.time",
    "application.started.time",
    "disk.free",
    "disk.total",
    "executor.active",
    "executor.completed",
    "executor.pool.core",
    "executor.pool.max",
    "executor.pool.size",
    "executor.queue.remaining",
    "executor.queued",
    "http.server.requests",
    "jvm.buffer.count",
    "jvm.buffer.memory.used",
    "jvm.buffer.total.capacity",
    "jvm.classes.loaded",
    "jvm.classes.unloaded",
    "jvm.gc.live.data.size",
    "jvm.gc.max.data.size",
    "jvm.gc.memory.allocated",
    "jvm.gc.memory.promoted",
    "jvm.gc.overhead",
    "jvm.gc.pause",
    "jvm.memory.committed",
    "jvm.memory.max",
    "jvm.memory.usage.after.gc",
```

< > ↻ ⚠ Not secure protobootapp-env.eba-kixj64pe.us-east-2.elasticbeanstalk.com/actuator/env

Pretty-print ☒

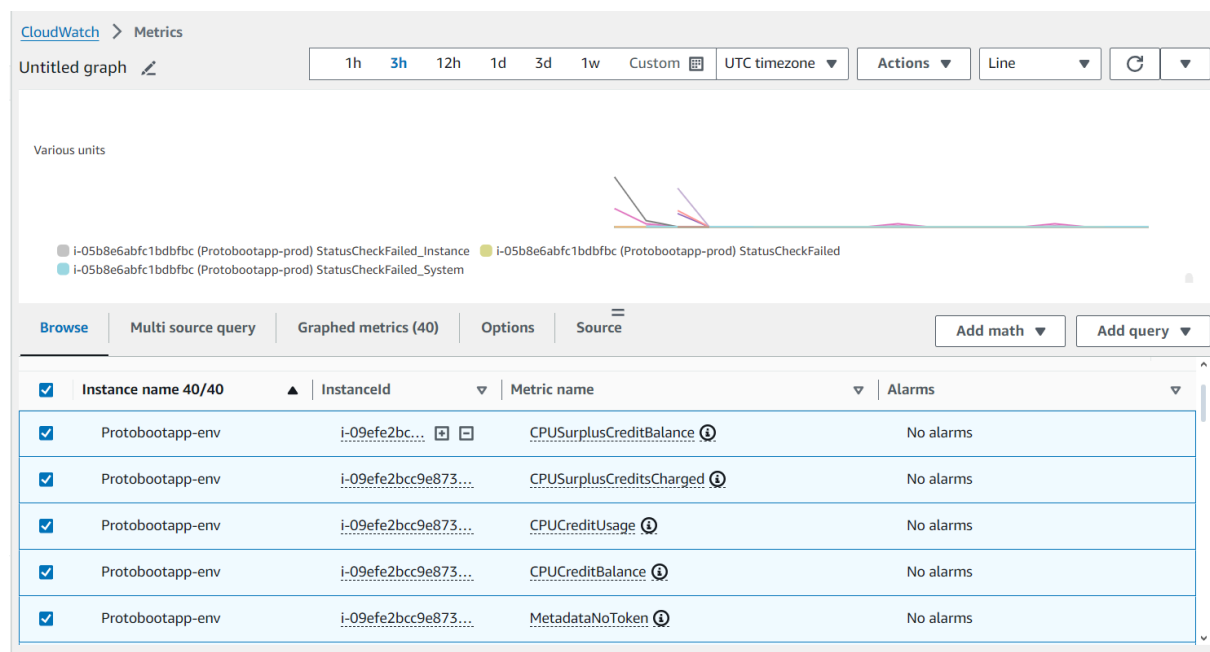
```
{
  "activeProfiles": [],
  "propertySources": [
    {
      "name": "server.ports",
      "properties": {
        "local.server.port": {
          "value": 5000
        }
      }
    },
    {
      "name": "servletContextInitParams",
      "properties": {
      }
    },
    {
      "name": "systemProperties",
      "properties": {
        "java.specification.version": {
          "value": "21"
        },
        "sun.jnu.encoding": {
          "value": "UTF-8"
        },
        "java.class.path": {
          "value": "root.jar"
        },
        "java.vm.vendor": {
          "value": "Amazon.com Inc."
        },
        "sun.arch.data.model": {
          "value": "64"
        },

```

```
< > ↺ ⚠ Not secure protobootapp-env.eba-kixj64pe.us-east-2.elasticbeanstalk.com/actuator/beans
Pretty-print ☒





{
  "contexts": {
    "application": {
      "beans": {
        "endpointCachingOperationInvokerAdvisor": {
          "aliases": [],
          "scope": "singleton",
          "type": "org.springframework.boot.actuate.endpoint.invoker.cache.CachingOperationInvok
          "resource": "class path resource [org/springframework/boot/actuate/autoconfigure/endpo
          "dependencies": [
            "org.springframework.boot.actuate.autoconfigure.endpoint.EndpointAutoConfiguration",
            "environment"
          ]
        },
        "defaultServletHandlerMapping": {
          "aliases": [],
          "scope": "singleton",
          "type": "org.springframework.web.servlet.HandlerMapping",
          "resource": "class path resource [org/springframework/boot/actuate/autoconfigure/web/servlet/W
          "dependencies": [
            "org.springframework.boot.autoconfigure.web.servlet.WebMvcAutoConfiguration$EnableWe
          ]
        },
        "metricsRestTemplateCustomizer": {
          "aliases": [],
          "scope": "singleton",
          "type": "org.springframework.boot.actuate.metrics.web.client.MetricsRestTemplateCustom
          "resource": "class path resource [org/springframework/boot/actuate/autoconfigure/metri
          "dependencies": [
            "org.springframework.boot.actuate.autoconfigure.metrics.web.client.RestTemplateMetri
            "simpleMeterRegistry",
            "restTemplateExchangeTagsProvider",
            "management.metrics-org.springframework.boot.actuate.autoconfigure.metrics.MetricsPr
          ]
        }
      }
    }
  }
}
```

## CloudWatch:





Reportes de CodeBuild:

<a href="#">Protobootapp-build-jacoco-report:212ec2e2-0f9b-4582-8092-113700ff3418</a>	Code coverage	 Incomplete	-	<a href="#">Protobootapp-build-jacoco-report</a>	-	19 minutes ago
<a href="#">Protobootapp-build-junit-report:7934d0f9-0e52-4567-b0c9-425b438d60e7</a>	Test	 Failed	-	<a href="#">Protobootapp-build-junit-report</a>	9.443 seconds	19 minutes ago
<a href="#">Protobootapp-build-junit-report:66c732ae-201f-4dba-a77e-5f4a9dadaea4</a>	Test	 Succeeded	-	<a href="#">Protobootapp-build-junit-report</a>	8.678 seconds	49 minutes ago
<a href="#">Protobootapp-build-jacoco-report:6ab3c160-49c2-4460-a280-b00715318979</a>	Code coverage	 Complete	75	<a href="#">Protobootapp-build-jacoco-report</a>	-	49 minutes ago

