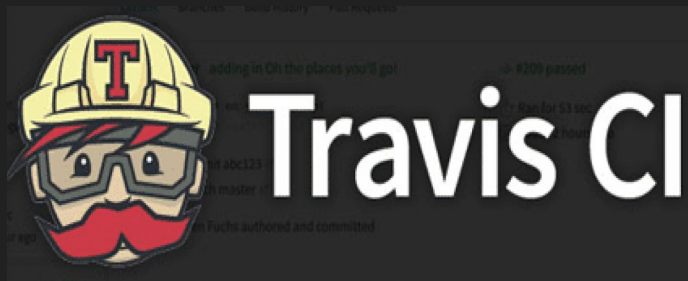


CONTINUOUS INTEGRATION



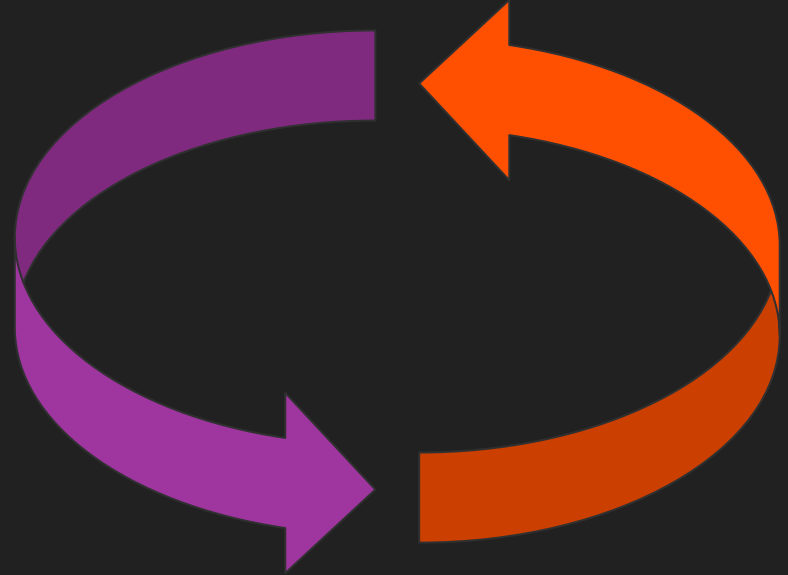
Christian Torres González

Jorge Acevedo de León

What is CI?

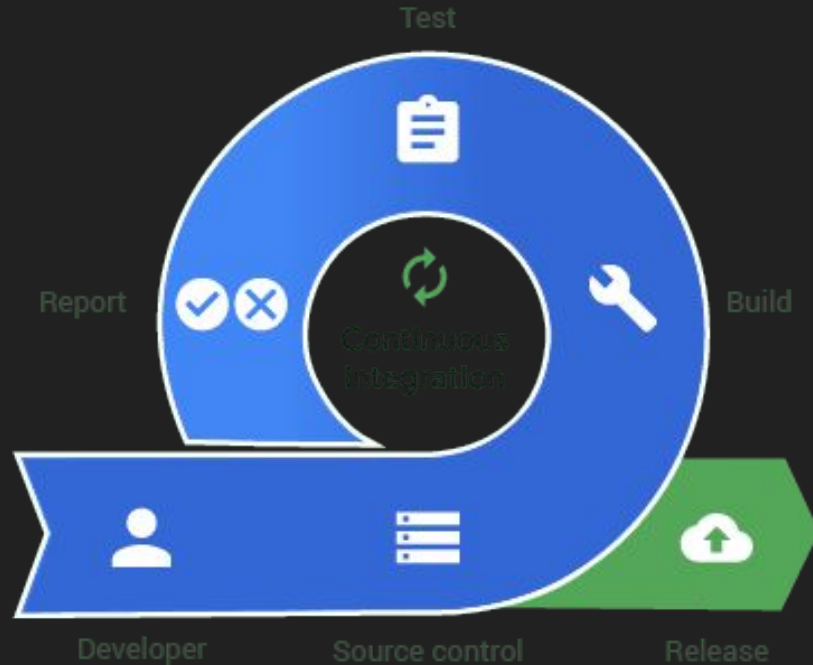
Continuous Integration (CI) is a development practice that requires developers to integrate code into a shared repository several times a day.

Each check-in is then verified by an automated build, allowing teams to detect problems early.

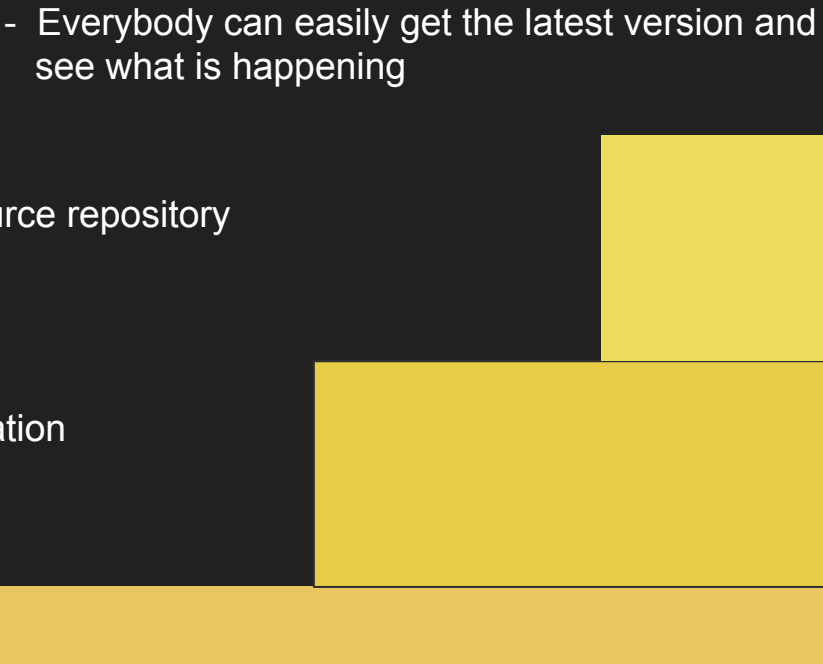


Steps to follow

- Code programming
- Source control
- Build
- Testing
- Documentation
- Release



CI Features:

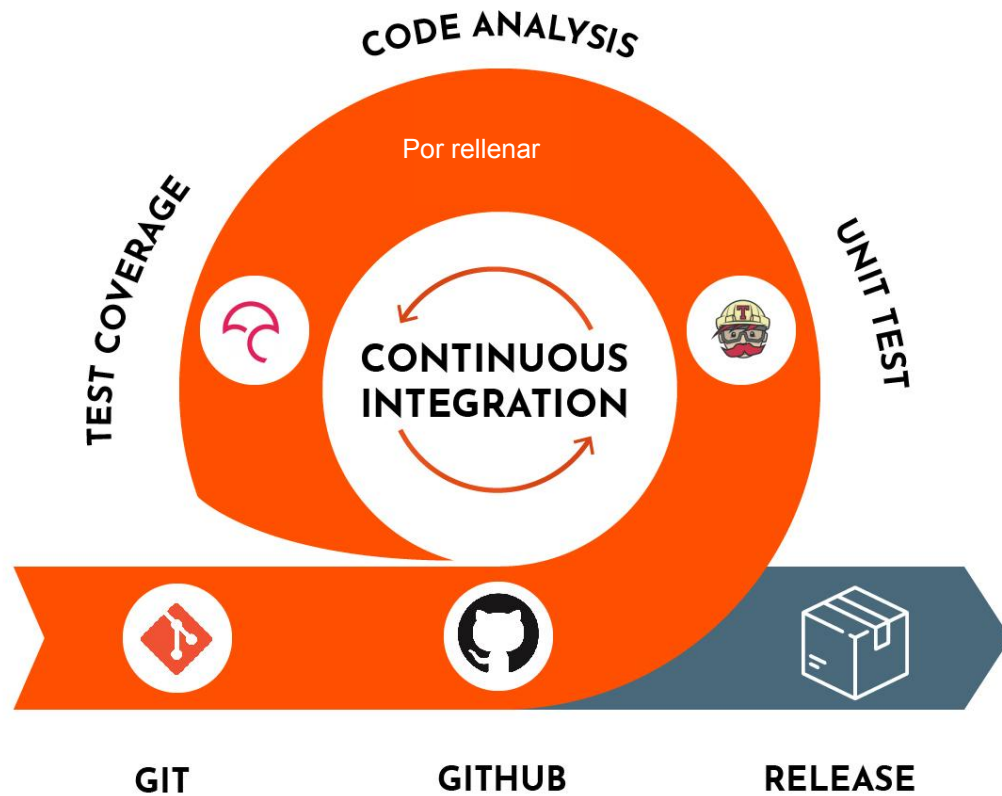
- Everybody can easily get the latest version and see what is happening
 - Single source repository
 - Testing against code automation
 - Code building automation
- 

When to use CI?

This question is one of the most important question in software development, because a bad decision, can mean the loss of large amount of resources.

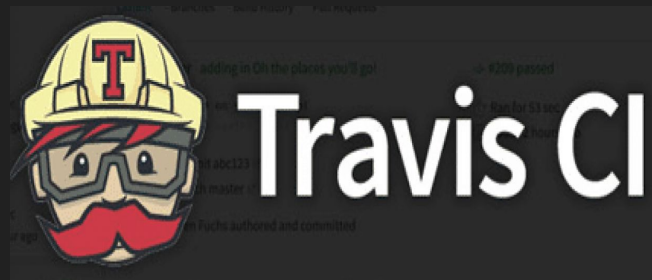
The best answer to this question, is, “every time we make a change to the repo”





What are we going to use?

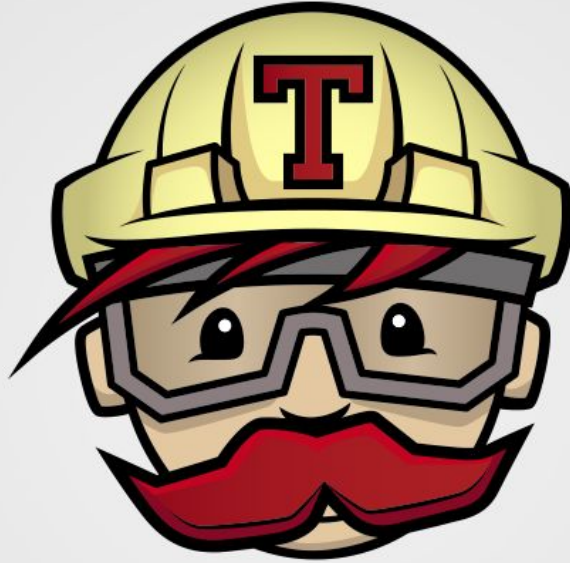
- Travis CI



- CodeCov

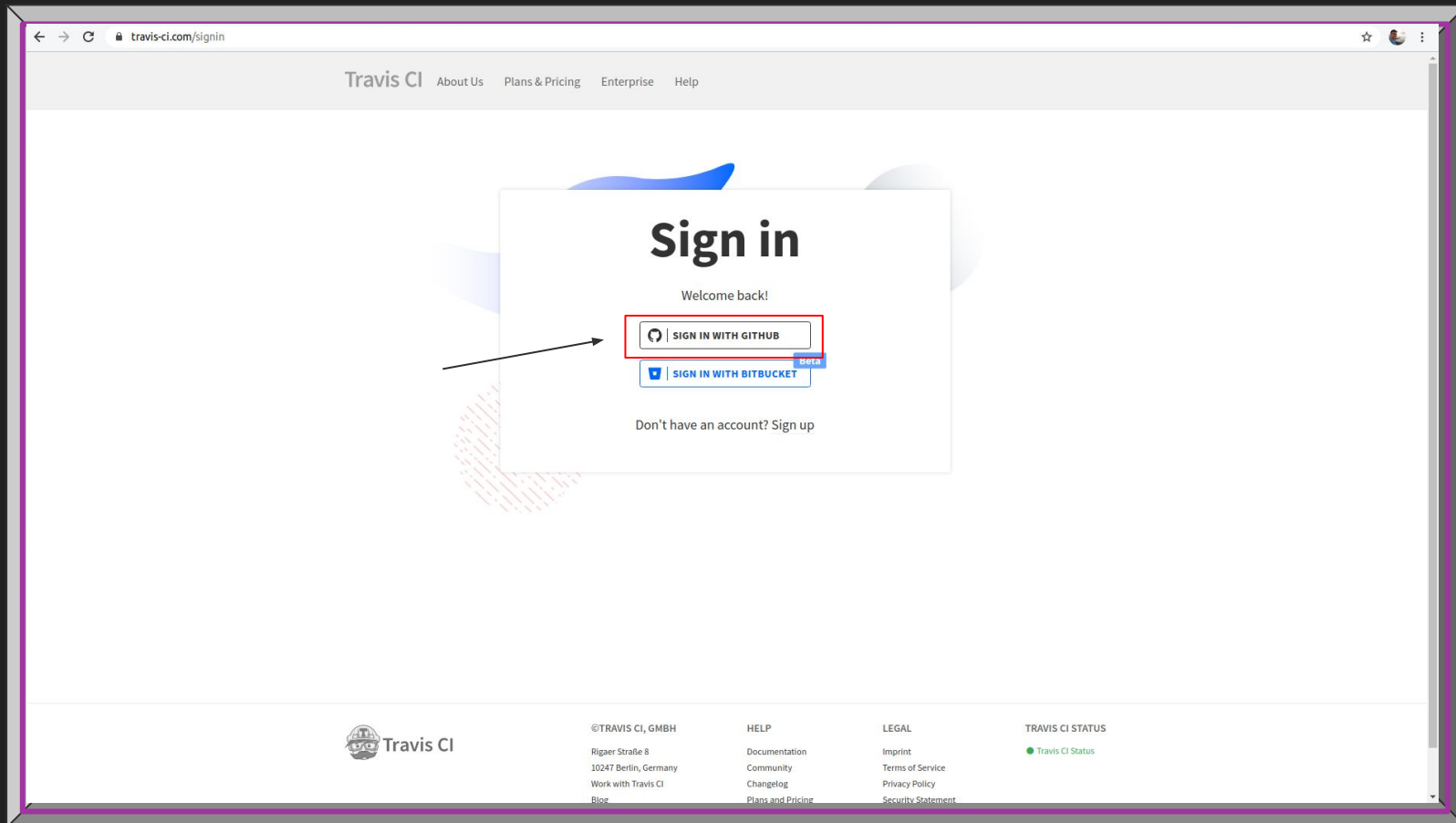


What is Travis CI?



TRAVIS

How to start with Travis





Search all repositories 🔍

My Repositories

Running (0/0)



○ ULL-ESIT-PL-1920/hello-js-super

🕒 Duration: -

○ ULL-ESIT-PL-1920/use-hello-js-s

🕒 Duration: -

○ ULL-ESIT-PL-1920/p10-42-lexgen

🕒 Duration: -

○ ULL-ESIT-INF-PAI-2019-2020/pr

🕒 Duration: -

○ ULL-ESIT-INF-PAI-2019-2020/pai

🕒 Duration: -

○ ULL-ESIT-INF-PAI-2019-2020/pr

🕒 Duration: -

○ ULL-ESIT-INF-PAI-2019-2020/pr

🕒 Duration: -

○ ULL-ESIT-INF-PAI-2019-2020/pr

🕒 Duration: -

○ ULL-ESIT-INF-PAI-2019-2020/pai



ULL-ESIT-PL-1920 / hello-js-super-Jorge-Acevedo



build unknown

Current

Branches

Build History

Pull Requests

More options



No builds for this repository

Want to start testing this project on Travis CI?

[Read the Docs on Getting Started](#)



MY ACCOUNT



Vengasito

Sync account

ORGANIZATIONS



PAI-2019-2020

MISSING AN ORGANIZATION?

[Review and add your authorized organizations.](#)



Vengasito

@Jorge-Acevedo

Repositories

Settings

Subscription

Migrate

GitHub Apps Integration

Manage repositories on GitHub

Filter GitHub repositories

AYEDA-GAME-OF-LIFE

Settings

AyEDA-Pr-ctica-1

Settings

DyAA-P2-RAM-Simulator

Settings

DyAA-P6

Settings

hello-js-action-Jorge-Acevedo

Settings

hello-js-super-Jorge-Acevedo

Settings

hello-world

Settings

p0-t0-esprima-logging-Jorge-Acevedo

Settings

p0-t0-esprima-logging-reto-Jorge-Acevedo

Settings

p10-t2-lexer-generator-Jorge-Acevedo

Settings

p10-t2-lexgen-code-Jorge-Acevedo

Settings

p10-t2-lexgen-testing-Jorge-Acevedo

Settings

p1-t1-iaas-Jorge-Acevedo

Settings

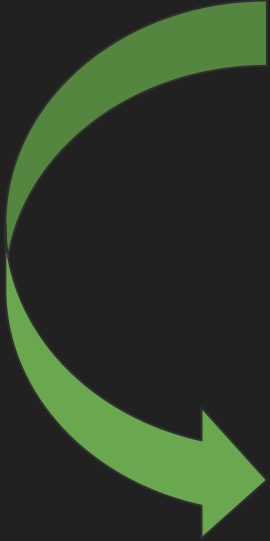
Builds

Timeout building limits:


- When a job produces no log output for 10 minutes.
- When a job on a public repository takes longer than 50 minutes.
- When a job on a private repository takes longer than 120 minutes.



Job lifecycle



A job on Travis CI is made up of two main parts:

1. **install**: install any dependencies required
 2. **script**: run the build script
- 

.travis.yml

- It's the key component in our repository
- Contains the information of the project and how is Travis supposed to treat it

Example basic .travis.yml

```
language: node_js
node_js:
  - "12"
```

BUILD CUSTOMIZATION

Travis scripts

- We are able to write our own scripts and let the Travis VM execute them itself:

travisScript.sh

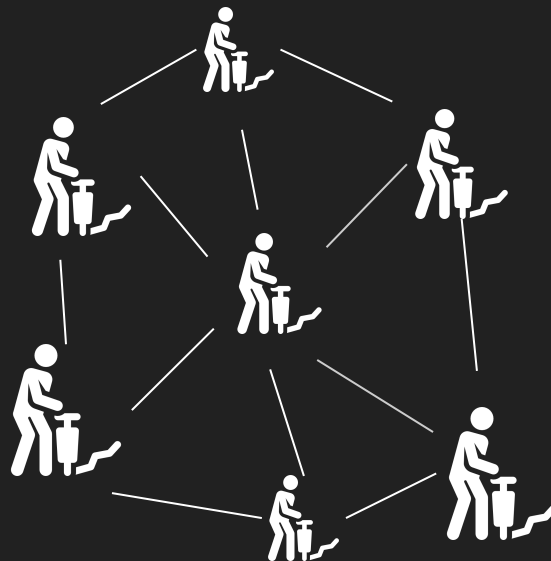
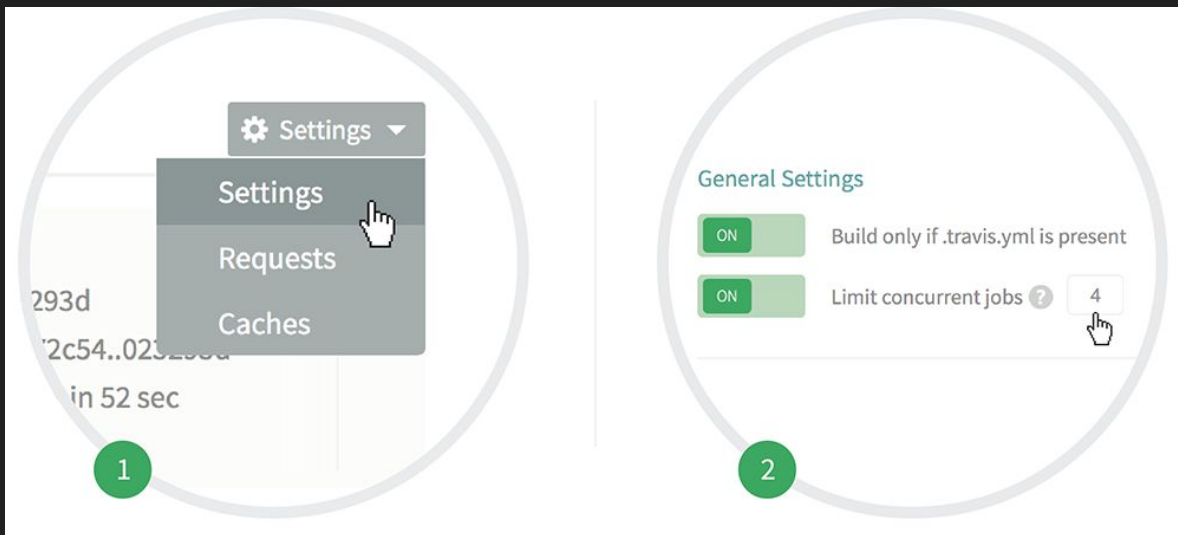
```
#!/bin/bash  
npm test
```

.travis.yml

```
language: node_js  
node_js:  
  - "12"  
install:  
  - npm ci  
script:  
  ./travisScript.sh
```


Concurrent jobs

You can set the maximum number of concurrent jobs in the settings pane for each repository.



Building only the latest commit

- Interesting option that allows us to commit several times before a push, only building the latest commit pushed to the repo.

Auto Cancellation

Auto Cancellation allows you to only run builds for the latest commits in the queue. This setting can be applied to builds for Branch builds and Pull Request builds separately. Builds will only be canceled if they are waiting to run, allowing for any running jobs to finish.



Auto cancel branch builds



Auto cancel pull request builds



\$ { Now the online examples :) }

What's CodeCov ?



ACCESS TO CODECOV

<https://codecov.io/>



[Features](#) [Pricing](#) [Docs](#) [Pricing](#) [Blog](#)

[Log In](#)

[Sign Up](#)

Develop healthier code.

Improve your code review workflow and quality. Codecov provides highly integrated tools to group, merge, archive, and compare coverage reports.

Free for open source. Plans starting at \$10/user per month.

[Get Started](#)



ACCESS TO CODECOV

[Features](#)[Pricing](#)[Docs](#)[Pricing](#)[Blog](#)[Log In](#)[Sign Up](#)

Sign up with GitHub



Sign up with Bitbucket



Sign up with GitLab

Trouble with logging in? Please clear cookies and try again.

[GitHub Enterprise](#)[Bitbucket Server](#)[GitLab EE/CE](#)

Join nearly a million developers worldwide
in shipping healthier code.

ACCESS TO CODECOV




Authorize Codecov

 **Codecov by codecov**
wants to access your ChristianTorresGonzalez account

 **Organizations and teams**
Read-only access

 **Commit statuses**
Read and write access

 **Personal user data**
Email addresses (read-only)

 **Repository webhooks and services**
Read and write access

Organization access

 ULL-ESIT-INF-PAI-2019-2020 ✓

 ULL-ESIT-LPP-1920 ✕

Request

 ULL-ESIT-PL-1920 ✕

Request

Authorize codecov

Authorizing will redirect to
<https://codecov.io>

 Not owned or
operated by GitHub

 Created 6 years ago

 More than 1K
GitHub users

ACCESS TO CODECOV



Confirm password to continue

Password

[Forgot password?](#)

Confirm password

Tip: You are entering sudo mode. We won't ask for your password again for a few hours.

[Terms](#) [Privacy](#) [Security](#) [Contact GitHub](#)

ACCESS TO CODECOV

[Docs](#)[Support](#)

ChristianTorresGonzalez

No repositories covered yet.

[Add a repository](#)



ULL-ESIT-INF-PAI-2019-2020

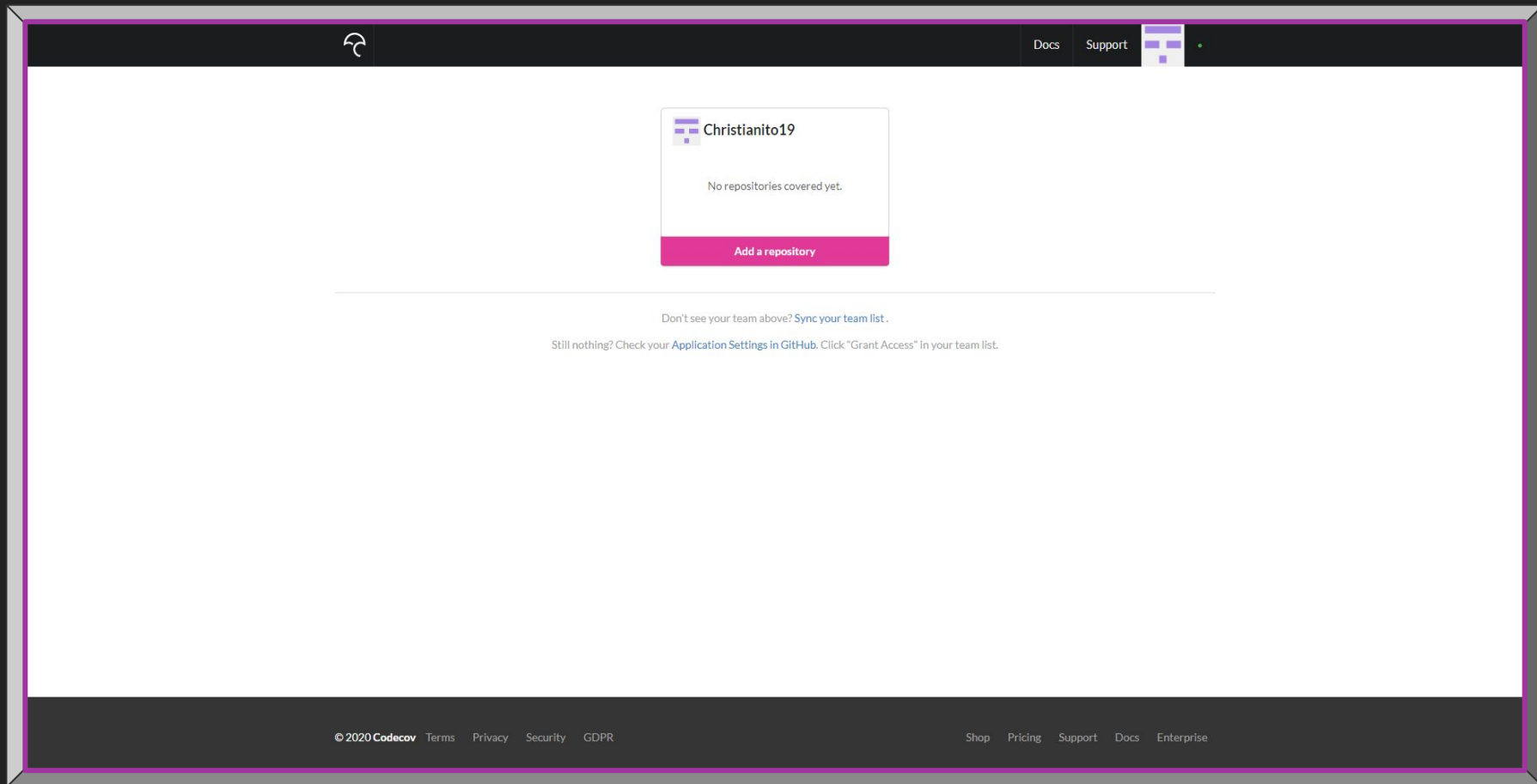
No repositories covered yet.

[Add a repository](#)

Don't see your team above? [Sync your team list](#).

Still nothing? Check your [Application Settings in GitHub](#). Click "Grant Access" in your team list.

ACCESS TO CODECOV



ACCESS TO CODECOV

prct01

CyA_19-20

LPP

CyA_19-20_p6

Inteligencia_Artificial_p1

CyA_19-20-p8

CyA_19-20-p9

Practica_Reconocimiento

CyA_19-20-p12

Inteligencia_Artificial-prolog

LPP_DOCS_ChristianTorres

CyC_1920-p13

LPP-p10



DAA-p1

PAI-01-ChristianTorresGonzalez

DAA-P2

PL-p01

ACCESS TO CODECOV

 gh ChristianTorresGonzalez practica-4-8queens-ChristianTorresGonzalez_v2 Docs Support 

[Overview](#) [Commits](#) [Branches](#) [Pulls](#) [Compare](#) [Settings](#)

Let's get your project covered.


No repository activation required. Simply upload a report and the project activates automatically.

STEP 1 - COPY TOKEN

[Upload Token](#) e9f9f455-9f3b-49d6-96c6-1e06ba323ab9 [Copy](#)

Use this token when uploading reports to this repository.

You can set it in your CI environment variables. `CODECOV_TOKEN="e9f9f455-9f3b-49d6-96c6-1e06ba323ab9"`

 Not required on Travis-CI, CircleCI, AppVeyor, or Azure Pipelines for public repositories.

STEP 2 - UPLOAD REPORTS

Upload your reports using the bash uploader in your preferred CI/CD environment

```
bash <(<curl -s https://codecov.io/bash)
```

Having trouble with this step?

[View bash uploader documentation](#)

[View example repositories](#)

Have questions? No problem! We are ready to help you.

[Contact Support](#)



Docs

Support



 ULL-ESIT-INF-PAI-2019-2020

 2019-2020-pai-ci-jorge-acevedo-christian-torres

 1 Repository

 3 Members



Jorge-Acevedo

No repositories covered yet.

Add a repository

Don't see your team above? [Sync your team list](#).

Still nothing? Check your [Application Settings in GitHub](#). Click "Grant Access" in your team list.

ACCESS TO CODECOV

[Docs](#)[Support](#)

ChristianTorresGonzalez

practica-4-8queens-
ChristianTorresGonzalez_v2

PAI-codigos_exposicion

2 Repositories

0 Member



ULL-ESIT-INF-PAI-2019-
2020

2019-2020-pai-ci-jorge-
acevedo-christian-torres

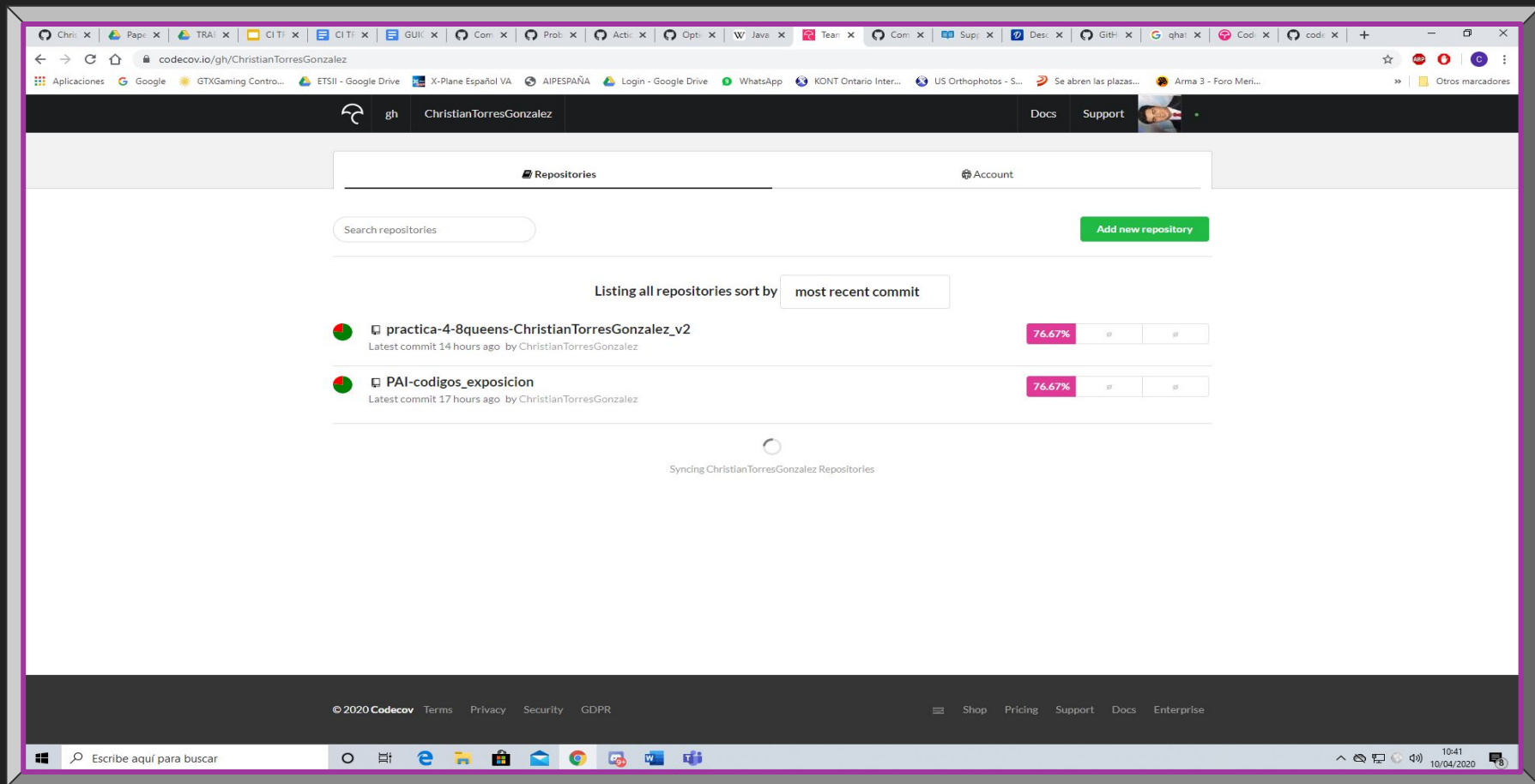
1 Repository

3 Members



Syncing GitHub Teams

ACCESS TO CODECOV



ACCESS TO CODECOV

prct01

CyA_19-20

LPP

CyA_19-20_p6

Inteligencia_Artificial_p1

CyA_19-20-p8

CyA_19-20-p9

Practica_Reconocimiento

CyA_19-20-p12

Inteligencia_Artificial-prolog

LPP_DOCS_ChristianTorres

CyC_1920-p13

LPP-p10

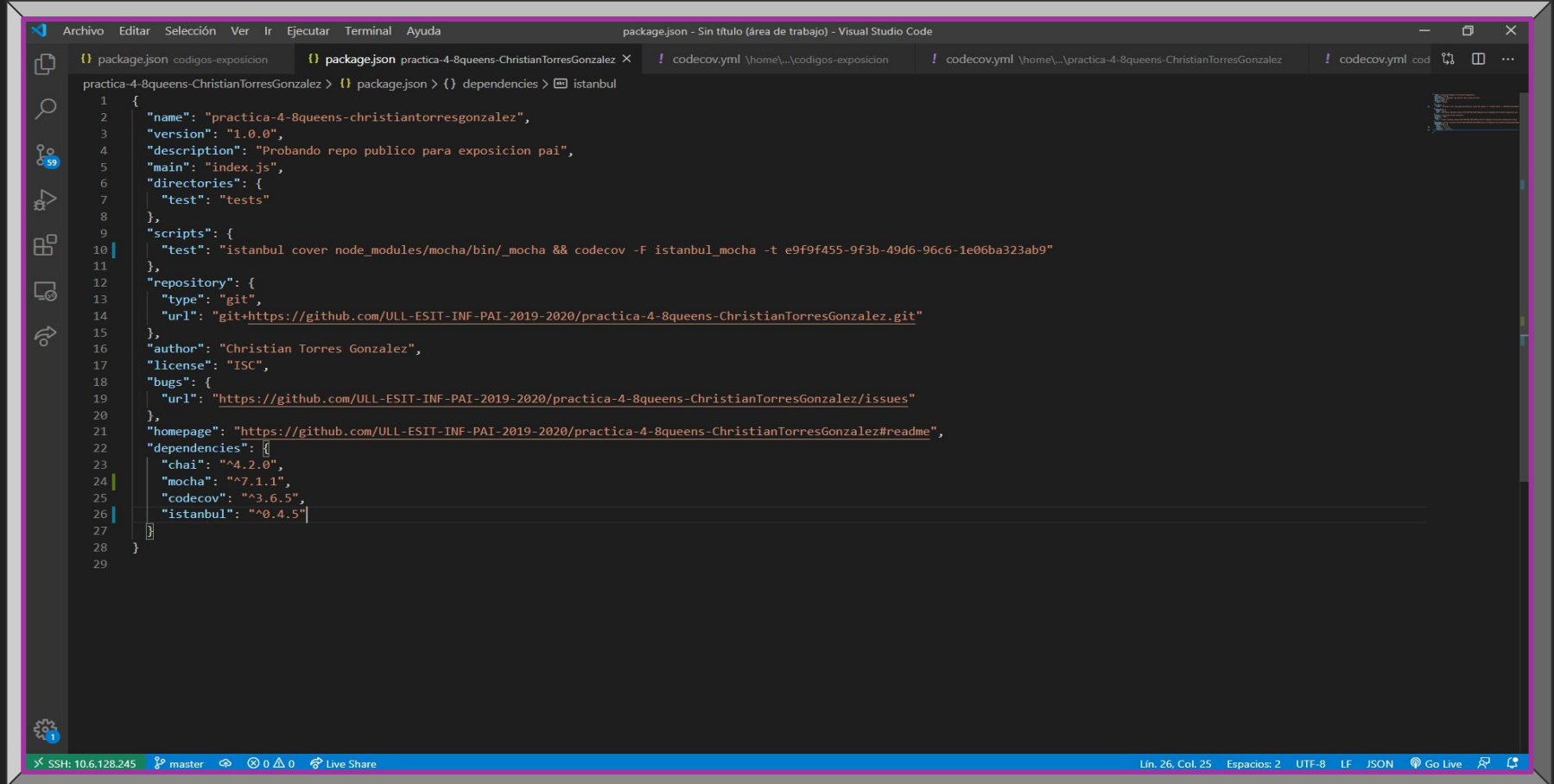
DAA-p1

PAI-01-ChristianTorresGonzalez

DAA-P2

PL-p01

INSTALLING DEPENDENCIES

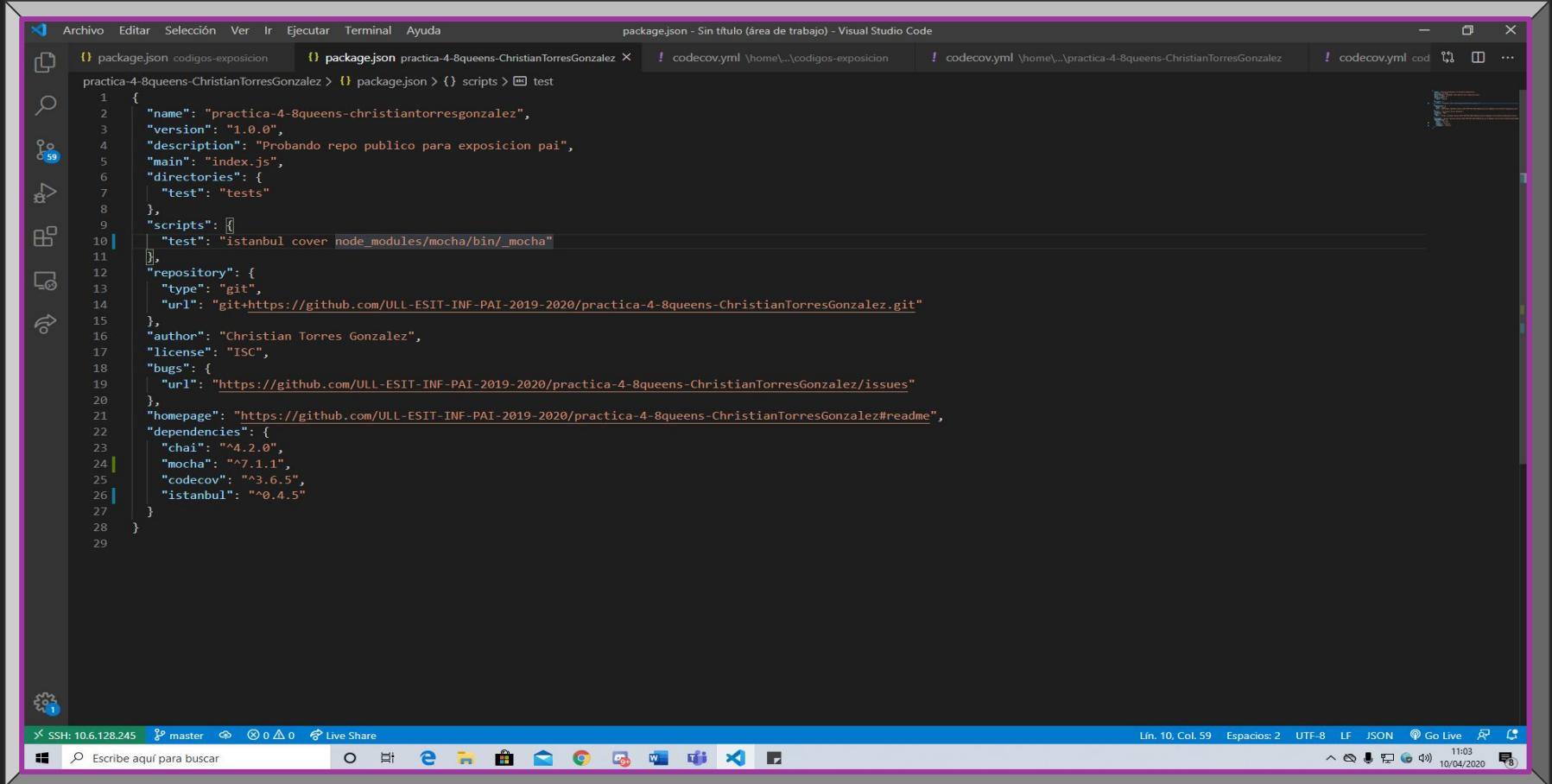


The screenshot shows the Visual Studio Code editor interface. The top menu bar includes 'Archivo', 'Editar', 'Selección', 'Ver', 'Ir', 'Ejecutar', 'Terminal', and 'Ayuda'. The title bar indicates the current file is 'package.json - Sin título (área de trabajo) - Visual Studio Code'. The editor has four tabs open: 'package.json codigos-exposicion', 'package.json practica-4-8queens-ChristianTorresGonzalez', 'codecov.yml \home\...\codigos-exposicion', and 'codecov.yml \home\...\practica-4-8queens-ChristianTorresGonzalez'. The active tab is 'package.json practica-4-8queens-ChristianTorresGonzalez', which displays the following JSON content:

```
1 {
2   "name": "practica-4-8queens-christiantorresgonzalez",
3   "version": "1.0.0",
4   "description": "Probando repo publico para exposicion pai",
5   "main": "index.js",
6   "directories": {
7     "test": "tests"
8   },
9   "scripts": {
10    "test": "istanbul cover node_modules/mocha/bin/_mocha && codecov -F istanbul_mocha -t e9f9f455-9f3b-49d6-96c6-1e06ba323ab9"
11  },
12  "repository": {
13    "type": "git",
14    "url": "git+https://github.com/ULL-ESIT-INF-PAI-2019-2020/practica-4-8queens-ChristianTorresGonzalez.git"
15  },
16  "author": "Christian Torres Gonzalez",
17  "license": "ISC",
18  "bugs": {
19    "url": "https://github.com/ULL-ESIT-INF-PAI-2019-2020/practica-4-8queens-ChristianTorresGonzalez/issues"
20  },
21  "homepage": "https://github.com/ULL-ESIT-INF-PAI-2019-2020/practica-4-8queens-ChristianTorresGonzalez#readme",
22  "dependencies": {
23    "chai": "^4.2.0",
24    "mocha": "^7.1.1",
25    "codecov": "^3.6.5",
26    "istanbul": "^0.4.5"
27  }
28 }
```

The status bar at the bottom shows 'SSH: 10.6.128.245', 'master', '0 0 0', 'Live Share', 'Lin. 26, Col. 25', 'Espacios: 2', 'UTF-8', 'LF', 'JSON', 'Go Live', and a search icon.

CREATING SCRIPT TEST



The image shows a Visual Studio Code editor window with a dark theme. The title bar at the top reads "package.json - Sin título (área de trabajo) - Visual Studio Code". The editor has several tabs open: "package.json codigos-exposicion", "package.json practica-4-8queens-ChristianTorresGonzalez", "codecov.yml", and "codecov.yml \home\...\practica-4-8queens-ChristianTorresGonzalez". The active tab is "package.json practica-4-8queens-ChristianTorresGonzalez". The file content is a JSON object representing a package configuration. The "scripts" section is highlighted with a blue selection bar, showing the command "istanbul cover node_modules/mocha/bin/_mocha". The "dependencies" section lists several packages with version constraints. The bottom status bar shows the file is at line 10, column 59, in UTF-8 encoding, with LF line endings and JSON format. The system tray at the bottom right shows the date and time as 11:03 on 10/04/2020.

```
1 {
2   "name": "practica-4-8queens-christiantorresgonzalez",
3   "version": "1.0.0",
4   "description": "Probando repo publico para exposicion pai",
5   "main": "index.js",
6   "directories": {
7     "test": "tests"
8   },
9   "scripts": {
10    "test": "istanbul cover node_modules/mocha/bin/_mocha"
11  },
12  "repository": {
13    "type": "git",
14    "url": "git+https://github.com/ULL-ESIT-INF-PAI-2019-2020/practica-4-8queens-ChristianTorresGonzalez.git"
15  },
16  "author": "Christian Torres Gonzalez",
17  "license": "ISC",
18  "bugs": {
19    "url": "https://github.com/ULL-ESIT-INF-PAI-2019-2020/practica-4-8queens-ChristianTorresGonzalez/issues"
20  },
21  "homepage": "https://github.com/ULL-ESIT-INF-PAI-2019-2020/practica-4-8queens-ChristianTorresGonzalez#readme",
22  "dependencies": {
23    "chai": "^4.2.0",
24    "mocha": "^7.1.1",
25    "codecov": "^3.6.5",
26    "istanbul": "^0.4.5"
27  }
28 }
29
```

RUNNING TEST

```
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez: ~/PAI/codigos-exposicion
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ npm test

codigos-exposicion@1.0.0 test /home/usuario/PAI/codigos-exposicion
istanbul cover node_modules/mocha/bin/_mocha

La suma de 5 + 5 es: 10
La suma de 10 - 5 es: 5
La suma de 20 * 5 es: 100
La suma de 50 * 5 es: 10

Test unitarios para clase calculadora:
  Probando funcion suma
    Comprobando valor retornado de suma

Test unitarios para clase numero complejo:
  Probando getter de la clase numeroComplejo
    Comprobando valor retornado de getParteReal
    Comprobando valor retornado de getParteImaginaria

  Probando setter de la clase numeroComplejo
    Comprobando valor introducido setParteReal
    Comprobando valor introducido setParteImaginaria

  Probando cuadrados de la clase numeroComplejo
    Comprobando cuadrado de parteReal del numero Complejo
    Comprobando cuadrado de parteImaginaria del numero Complejo

  Probando calculos de parteReal para Mandelbrot
    Comprobando valor calculado de parteReal de Mandelbrot
    Comprobando valor calculado de parteImaginaria de Mandelbrot

  Probando comprobacion de numero complejo mayor que 2
    Comprobando valor calculado de parteReal de Mandelbrot

10 passing (30ms)

Writing coverage object [/home/usuario/PAI/codigos-exposicion/coverage/coverage.json]
Writing coverage reports at [/home/usuario/PAI/codigos-exposicion/coverage]

===== Coverage summary =====
statements : 87.5% ( 28/32 )
branches   : 20% ( 2/10 )
functions  : 83.33% ( 15/18 )
lines      : 87.5% ( 28/32 )
=====
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$
```

UPLOADING REPORT

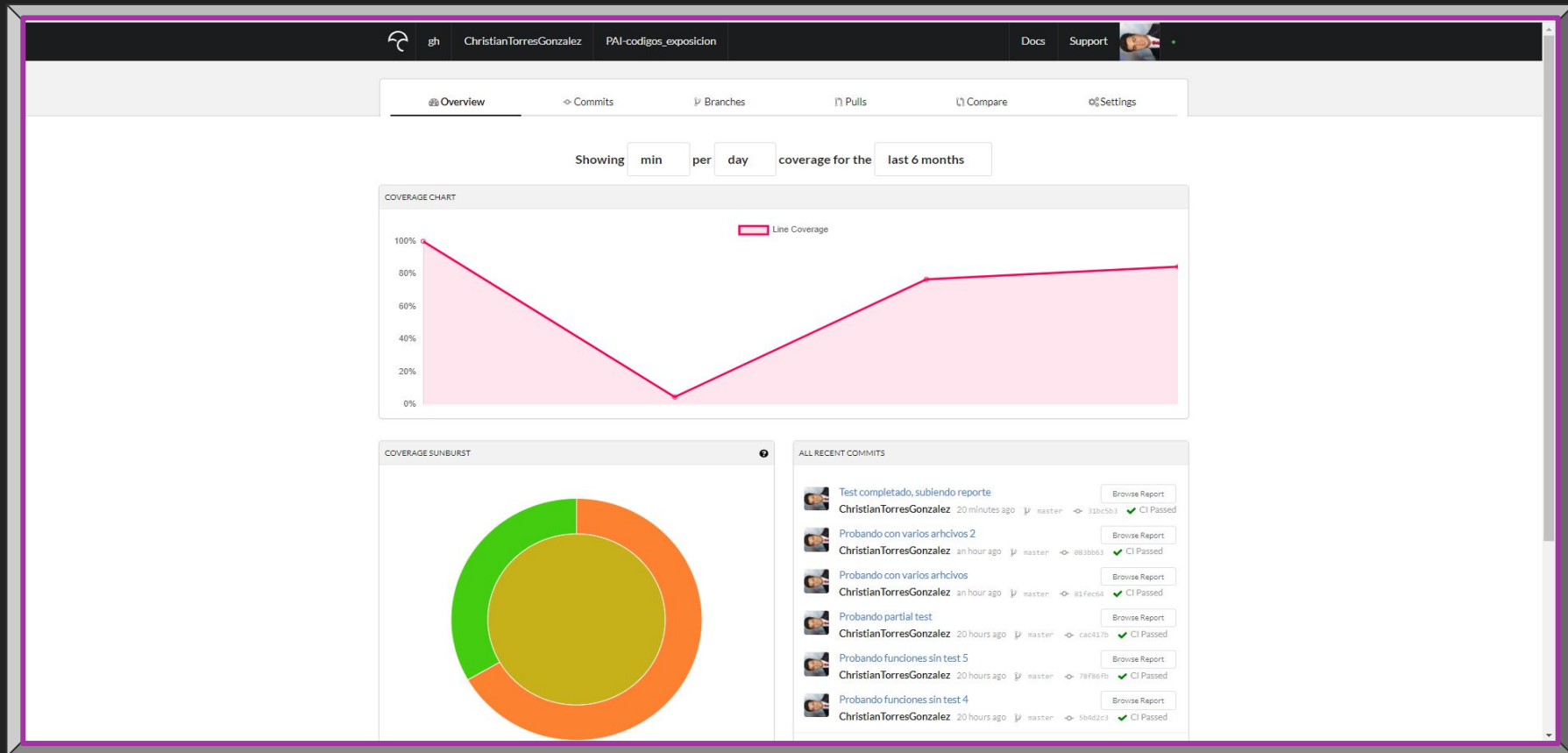
```
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez: ~/PAI/codigos-exposicion
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git add .
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git commit -m "Test completado, subiendo reporte"
[master 31bc5b3] Test completado, subiendo reporte
1 file changed, 1 insertion(+), 1 deletion(-)
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git push exposicion master
Contando objetos: 3, listo.
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (3/3), 317 bytes | 317.00 KiB/s, listo.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:ChristianTorresGonzalez/PAI-codigos_exposicion.git
   083bb63..31bc5b3  master -> master
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$
```

```
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez: ~/PAI/codigos-exposicion
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ bash <(curl -s https://codecov.io/bash) -t 9b641e22-b814-4b3b-b256-41995102d520

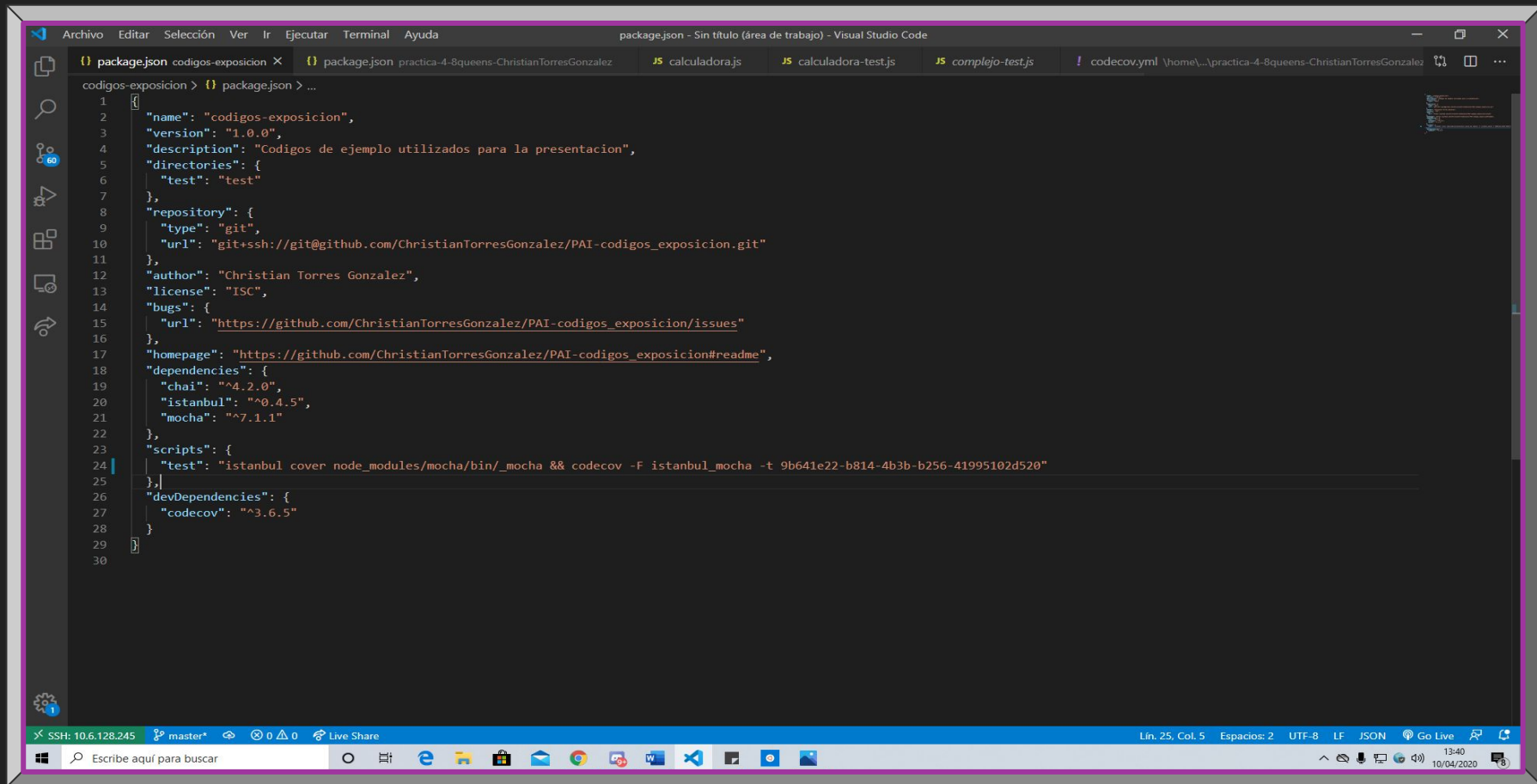
Codecov
Bash-tbd

-> No CI provider detected.
  Testing inside Docker? http://docs.codecov.io/docs/testing-with-docker
  Testing with Tox? https://docs.codecov.io/docs/python#section-testing-with-tox
  project root: .
dev/fd/63: linea 897: hg: orden no encontrada
Yaml found at: .github/workflows/codecov.yml
=> Running gcov in . (disable via -X gcov)
=> Python coveragepy not found
=> Searching for coverage reports in:
+ .
-> Found 2 reports
=> Detecting git/mercurial file structure
=> Reading reports
+ ./coverage/coverage.json bytes=5790
+ ./coverage/lcov.info bytes=1417
=> Appending adjustments
http://docs.codecov.io/docs/fixing-reports
-> No adjustments found
=> Gzipping contents
=> Uploading reports
url: https://codecov.io
query: branch=master&commit=083bb63b258140d2d983040adb33b6ea83d0743a&build=&build_url=&name=&tag=&slug=&service=&flags=&pr=&job=
-> Pingin Codecov
https://codecov.io/upload/v4?package=bash-tbd&token=secret&branch=master&commit=083bb63b258140d2d983040adb33b6ea83d0743a&build=&build_url=&name=&tag=&slug=&service=&flags=&pr=&job=
-> Uploading
-> View reports at https://codecov.io/github/ChristianTorresGonzalez/PAI-codigos_exposicion/commit/083bb63b258140d2d983040adb33b6ea83d0743a
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$
```

REPORT UPLOADED



AUTOMATING REPORT



The screenshot shows the Visual Studio Code editor interface. The top menu bar includes 'Archivo', 'Editar', 'Selección', 'Ver', 'Ir', 'Ejecutar', 'Terminal', and 'Ayuda'. The title bar indicates the current file is 'package.json' in a workspace named 'Sin título (área de trabajo) - Visual Studio Code'. The editor has several tabs open: 'package.json codigos-exposicion', 'package.json practica-4-8queens-ChristianTorresGonzalez', 'JS calculadoraajs', 'JS calculadora-testjs', 'JS complejo-testjs', and 'codecov.yml |home\...\practica-4-8queens-ChristianTorresGonzalez'. The active tab shows the content of 'package.json' for the 'codigos-exposicion' project. The file content is as follows:

```
1 {
2   "name": "codigos-exposicion",
3   "version": "1.0.0",
4   "description": "Codigos de ejemplo utilizados para la presentacion",
5   "directories": {
6     "test": "test"
7   },
8   "repository": {
9     "type": "git",
10    "url": "git+ssh://git@github.com:ChristianTorresGonzalez/PAI-codigos_exposicion.git"
11  },
12  "author": "Christian Torres Gonzalez",
13  "license": "ISC",
14  "bugs": {
15    "url": "https://github.com/ChristianTorresGonzalez/PAI-codigos_exposicion/issues"
16  },
17  "homepage": "https://github.com/ChristianTorresGonzalez/PAI-codigos_exposicion#readme",
18  "dependencies": {
19    "chai": "^4.2.0",
20    "istanbul": "^0.4.5",
21    "mocha": "^7.1.1"
22  },
23  "scripts": {
24    "test": "istanbul cover node_modules/mocha/bin/_mocha && codecov -F istanbul_mocha -t 9b641e22-b814-4b3b-b256-41995102d520"
25  },
26  "devDependencies": {
27    "codecov": "^3.6.5"
28  }
29 }
```

The bottom status bar shows 'SSH: 10.6.128.245', 'master*', '0 0 0', 'Live Share', 'Lin. 25, Col. 5', 'Espacios: 2', 'UTF-8', 'LF', 'JSON', 'Go Live', and a system tray with the time '13:40' and date '10/04/2020'.

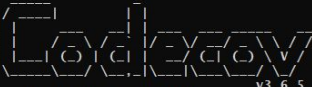
AUTOMATING REPORT

```
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez: ~/PAI/codigos-exposicion
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git add .
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git commit -m "Ejecutando test y subiendo reporte automatico"
master aa4ce7b] Ejecutando test y subiendo reporte automatico
1 file changed, 1 insertion(+), 1 deletion(-)
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git push exposicion master
enviando objetos: 3, listo.
compimiendo objetos: 100% (3/3), listo.
scribiendo objetos: 100% (3/3), 400 bytes | 400.00 KiB/s, listo.
otal 3 (delta 2), reused 0 (delta 0)
emote: Resolving deltas: 100% (2/2), completed with 2 local objects.
o github.com:ChristianTorresGonzalez/PAI-codigos_exposicion.git
31bc5b3..aa4ce7b master -> master
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$
```

```
=====  
Writing coverage object [/home/usuario/PAI/codigos-exposicion/coverage/coverage.json]  
Writing coverage reports at [/home/usuario/PAI/codigos-exposicion/coverage]  
=====
```

Coverage summary	
Statements	: 87.5% (28/32)
Branches	: 20% (2/10)
Functions	: 83.33% (15/18)
Lines	: 87.5% (28/32)

```
=====
```



v3.6.5

```
=> Detecting CI Provider  
No CI Detected. Using git/mercurial  
=> Configuration:  
Endpoint: https://codecov.io  
{  
  commit: 'aa4ce7b02285ef816c3db85782215494979c0fb2',  
  branch: 'master',  
  package: 'node-v3.6.5'  
}  
=> Building file structure  
=> Generating gcov reports (skip via --disable=gcov)  
Failed to run gcov command.  
=> Scanning for reports  
+ /home/usuario/PAI/codigos-exposicion/coverage/lcov.info  
+ /home/usuario/PAI/codigos-exposicion/coverage/coverage.json  
=> Uploading reports  
Success!  
View report at: https://codecov.io/github/ChristianTorresGonzalez/PAI-codigos_exposicion/commit/aa4ce7b02285ef816c3db85782215494979c0fb2  
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$
```

REPORT UPLOADED



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Docs

Support



Overview

Commits

Branches

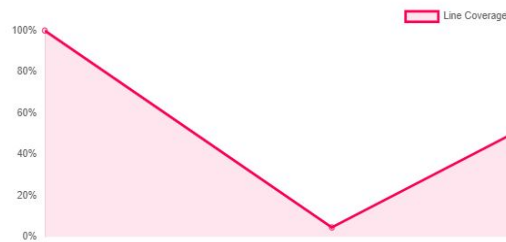
Pulls

Compare

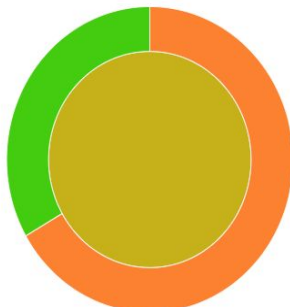
Settings

Showing min per day coverage for the last 6 months

COVERAGE CHART



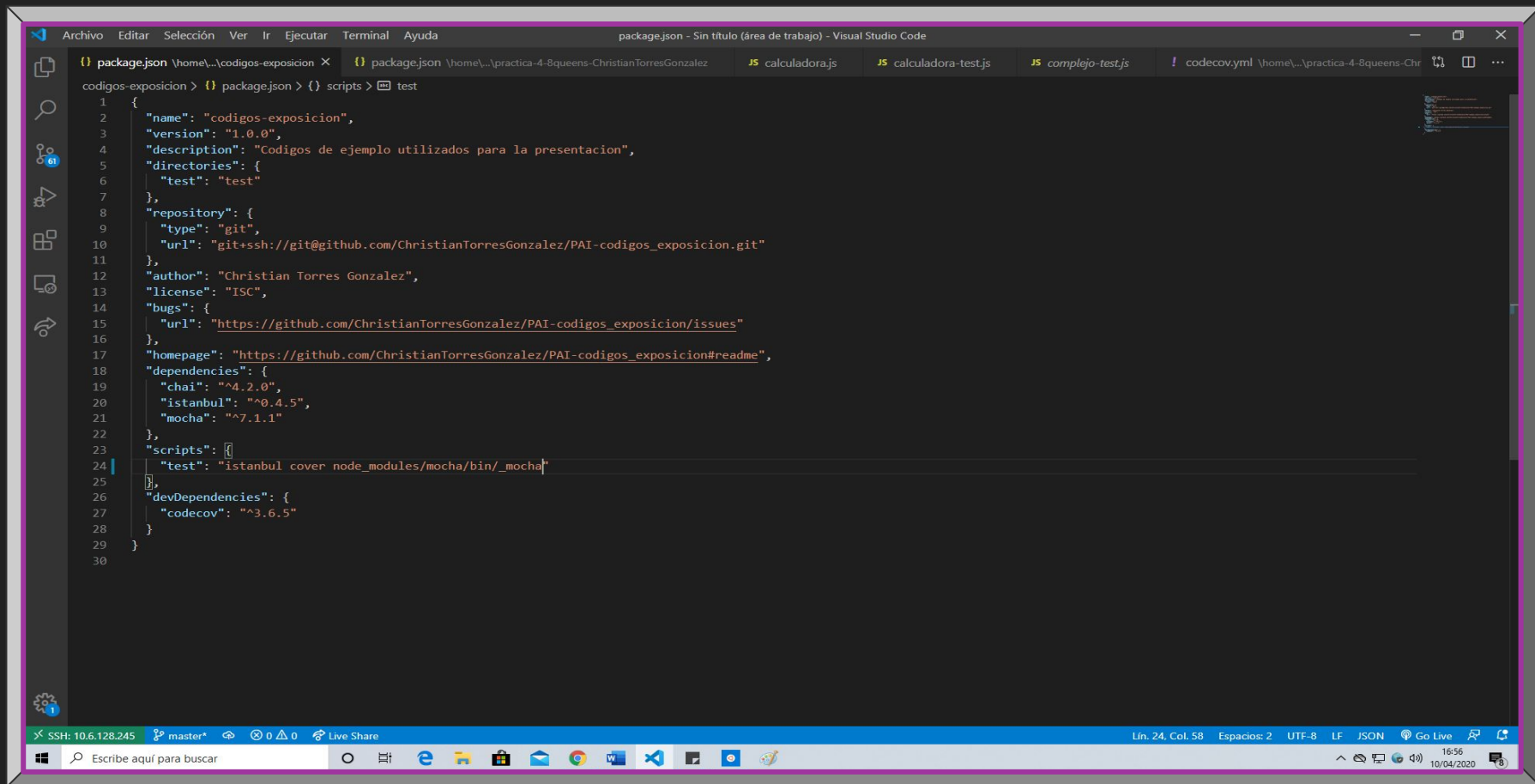
COVERAGE SUNBURST



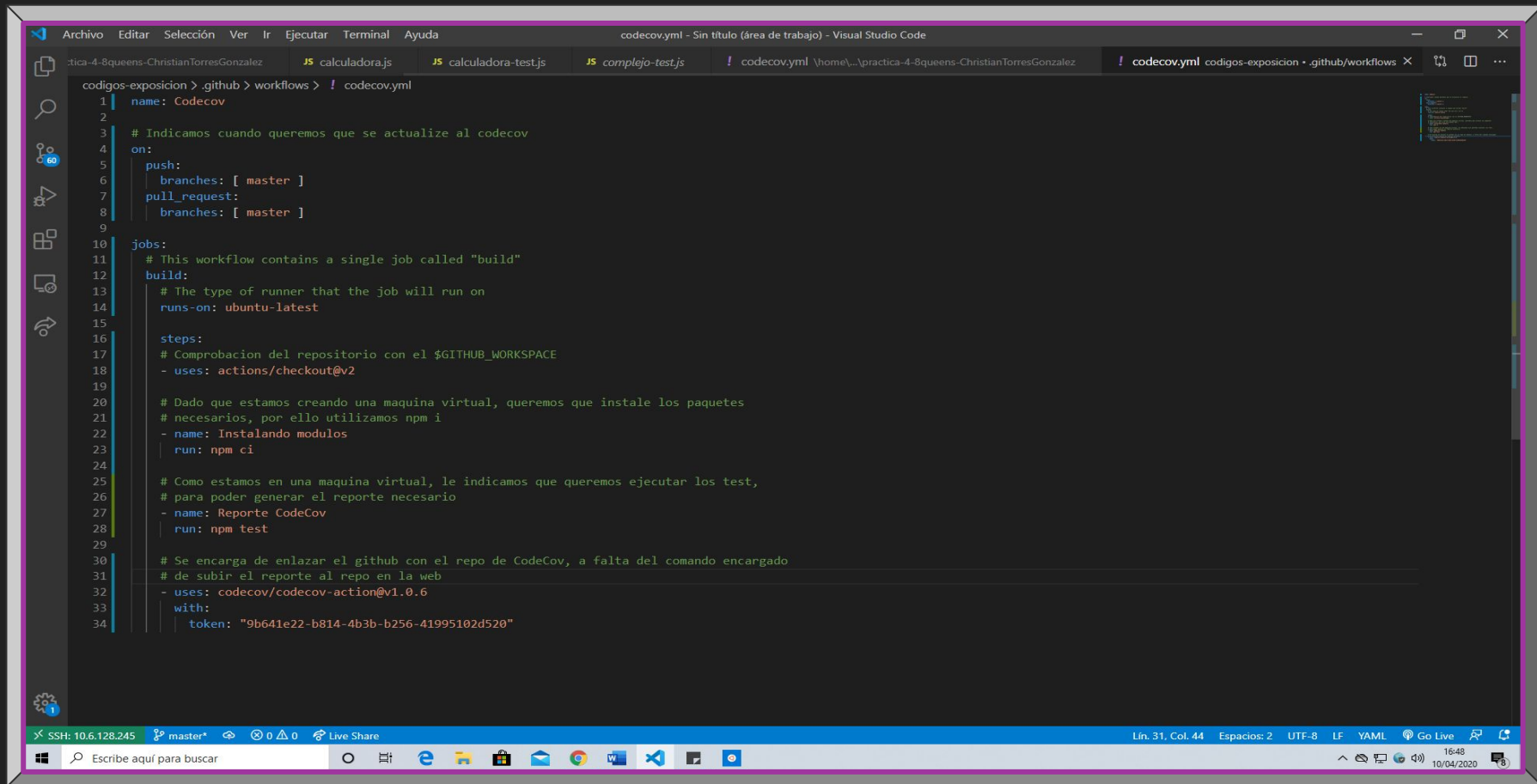
ALL RECENT COMMITS

	Ejecutando test y subiendo reporte automatico	Browse Report
ChristianTorresGonzalez	6 minutes ago master aadce7b	CI Passed
	Test completado, subiendo reporte	Browse Report
ChristianTorresGonzalez	34 minutes ago master 91bc5b3	CI Passed
	Probando con varios archivos 2	Browse Report
ChristianTorresGonzalez	an hour ago master 083bb63	CI Passed
	Probando con varios archivos	Browse Report
ChristianTorresGonzalez	an hour ago master 81fec64	CI Passed
	Probando parcial test	Browse Report
ChristianTorresGonzalez	20 hours ago master cac417b	CI Passed
	Probando funciones sin test 5	Browse Report
ChristianTorresGonzalez	20 hours ago master 78f8a7b	CI Passed

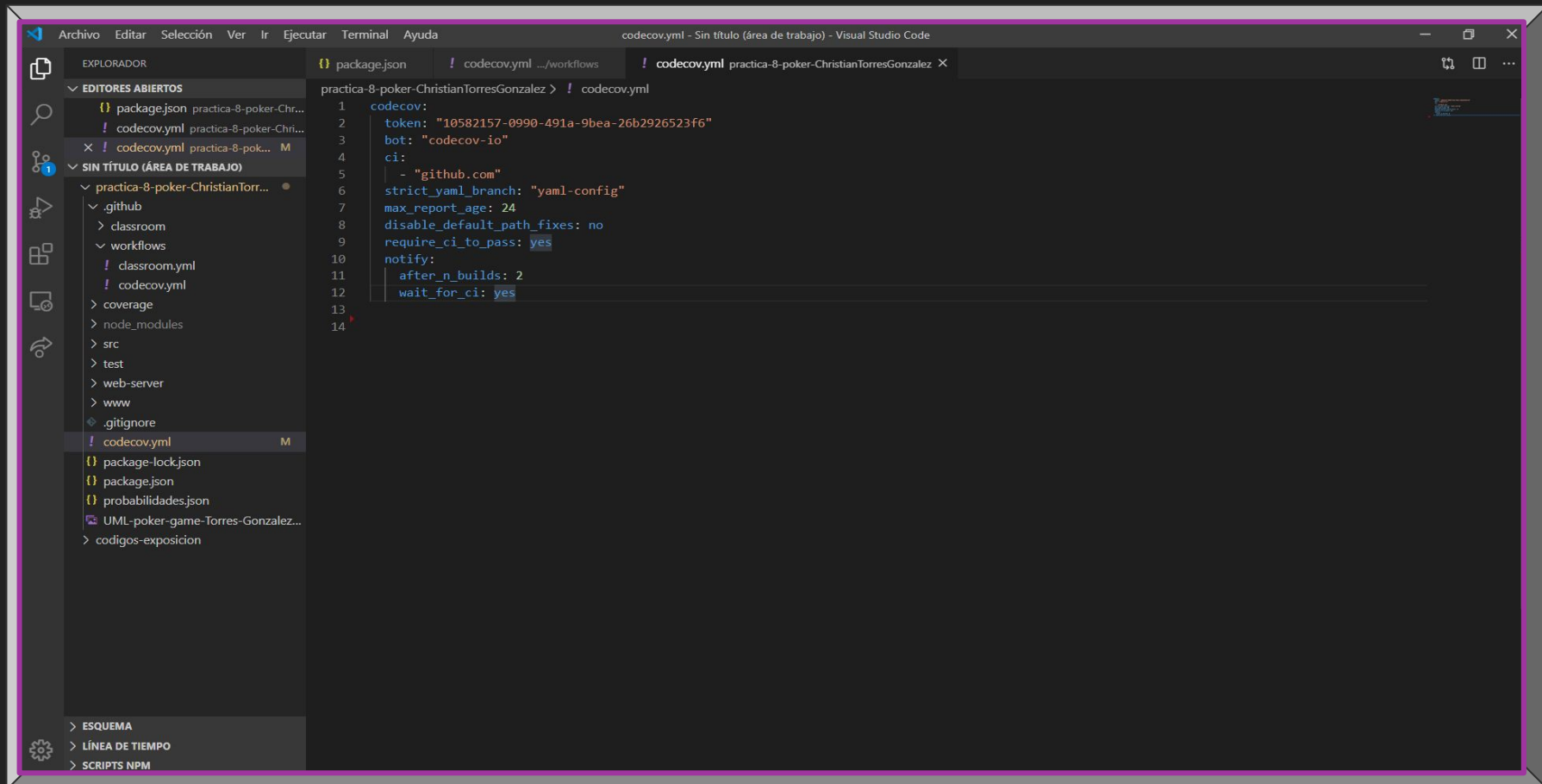
GITHUB ACTIONS



GITHUB ACTIONS




GITHUB ACTIONS



GITHUB ACTIONS

```
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez: ~/PAI/codigos-exposicion
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git add .
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git commit -m "Probano reporte con Github Actions"
[master 75ef51d] Probano reporte con Github Actions
2 files changed, 35 insertions(+), 33 deletions(-)
rewrite .github/workflows/codecov.yml (99%)
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$ git push exposicion master
contando objetos: 6, listo.
comprimiendo objetos: 100% (4/4), listo.
escribiendo objetos: 100% (6/6), 994 bytes | 994.00 KiB/s, listo.
total 6 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
to github.com:ChristianTorresGonzalez/PAI-codigos_exposicion.git
aa4ce7b..75ef51d master -> master
usuario@Ubuntu-18-PAI-ChristianTorresGonzalez:~/PAI/codigos-exposicion$
```

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Workflows



















New workflow

All workflows

Codecov

All workflows

Filter workflows

Event	Status	Branch	Actor	
 Probano reporte con Github Actions		master		 13 seconds ago  In progress
 Ejecutando test y subiendo reporte automatico		master		 3 hours ago  Failure
 Test completado, subiendo reporte		master		 4 hours ago  1s
 Probando con varios archivos 2		master		 5 hours ago  Failure
 Probando con varios archivos		master		 5 hours ago  31s
 Probando partial test		master		 23 hours ago  20s

GITHUB ACTIONS

The screenshot displays a GitHub Actions workflow run for a project named 'Codecov'. The workflow is titled 'build' and is triggered by a 'push' event. The run is shown as 'succeeded now in 20s'. The left sidebar shows a list of workflow runs, with the current 'build' run selected. The main panel shows the detailed log of the workflow steps. The steps include: 'Set up job' (2s), 'Run actions/checkout@v2' (1s), 'Instalando modulos' (15s), and 'Reporte CodeCov' (1s). The 'Reporte CodeCov' step is expanded, showing the execution of 'Run npm test' and the output of the tests. The tests include unit tests for a calculator class and a complex number class, as well as tests for the Codecov action. The output shows that all tests passed successfully.

Codecov / build
succeeded now in 20s

Search logs

✓ build

- ▶ ✓ Set up job 2s
- ▶ ✓ Run actions/checkout@v2 1s
- ▶ ✓ Instalando modulos 15s
- ▼ ✓ Reporte CodeCov 1s
 - 1 ▶ Run npm test
 - 4
 - 5 > codigos-exposicion@1.0.0 test /home/runner/work/PAI-codigos_exposicion/PAI-codigos_exposicion
 - 6 > istanbul cover node_modules/mocha/bin/_mocha
 - 7
 - 8 La suma de 5 + 5 es: 10
 - 9 La suma de 10 - 5 es: 5
 - 10 La suma de 20 * 5 es: 100
 - 11 La suma de 50 / 5 es: 10
 - 12
 - 13
 - 14 Test unitarios para clase calculadora:
 - 15 Probando funcion suma
 - 16 ✓ Comprobando valor retornado de suma
 - 17
 - 18 Test unitarios para clase numero complejo:
 - 19 Probando getter de la clase numeroComplejo
 - 20 ✓ Comprobando valor retornado de getParteReal
 - 21 ✓ Comprobando valor retornado de getParteImaginaria
 - 22
 - 23 Probando setter de la clase numeroComplejo
 - 24 ✓ Comprobando valor introducido setParteReal
 - 25 ✓ Comprobando valor introducido setParteImaginaria
 - 26
 - 27 Probando cuadrados de la clase numeroComplejo
 - 28 ✓ Comprobando cuadrado de parteReal del numero Complejo
 - 29 ✓ Comprobando cuadrado de parteImaginaria del numero Complejo
 - 30
 - 31 Probando calculos de parteReal para Mandelbrot
- ▶ ✓ Run codecov/codecov-action@v1.0.6 1s
- ▶ ✓ Post actions/checkout@v2 0s
- ▶ ✓ Complete job 0s

GITHUB ACTIONS



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Docs

Support

Blog



@ Overview

Commits

Branches

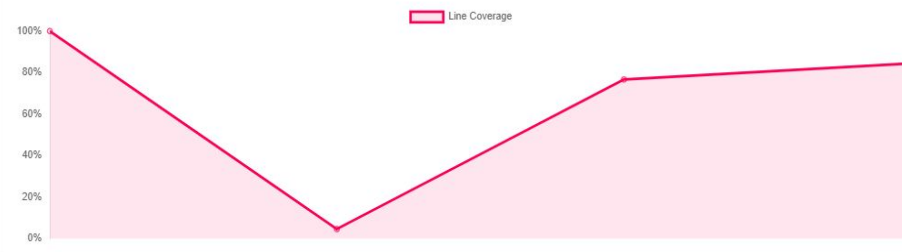
Pulls

Compare

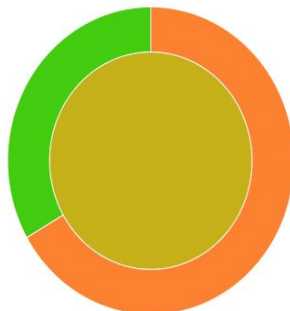
Settings

Showing min per day coverage for the last 6 months

COVERAGE CHART



COVERAGE SUNBURST



ALL RECENT COMMITS

	Probando reporte con Github Actions	Browse Report
ChristianTorresGonzalez	3 minutes ago master 75ef31d	CI Passed
	Ejecutando test y subiendo reporte automatico	Browse Report
ChristianTorresGonzalez	3 hours ago master aa4ce7b	CI Passed
	Test completado, subiendo reporte	Browse Report
ChristianTorresGonzalez	4 hours ago master 31bc5b3	CI Passed
	Probando con varios archivos 2	Browse Report
ChristianTorresGonzalez	5 hours ago master 083bb63	CI Passed
	Probando con varios archivos	Browse Report
ChristianTorresGonzalez	5 hours ago master 81fec64	CI Passed
	Probando partial test	Browse Report
ChristianTorresGonzalez	a day ago master cac417b	CI Passed