

The background features a series of overlapping, wavy, paper-like layers in shades of purple, blue, and white, creating a sense of depth and movement.

GITHUB ACTIONS

CONTINUOUS INTEGRATION

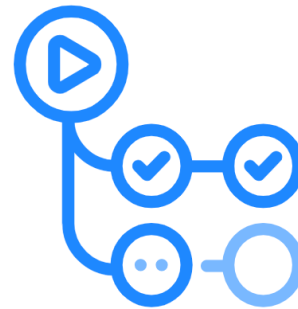
CONTINUOUS DELIVERY

CONTINUOUS DEPLOYMENT

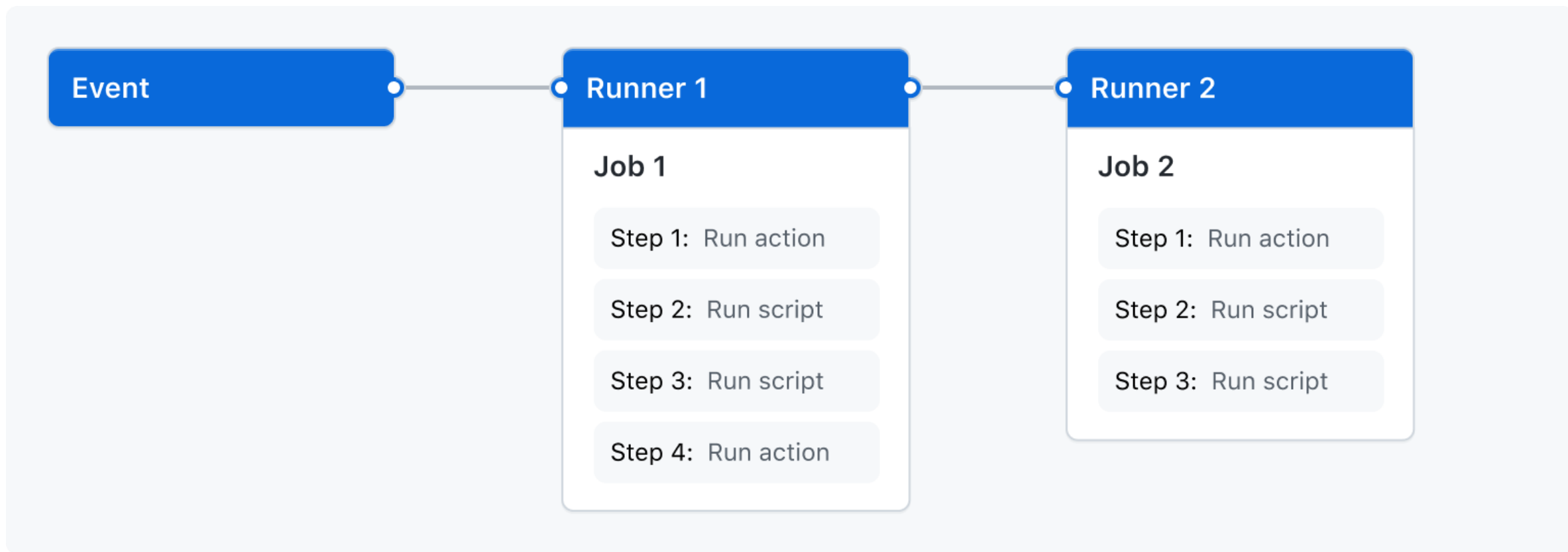


CI / CD

GITHUB ACTIONS



GitHub Actions



LOS COMPONENTES DE GITHUB ACTIONS

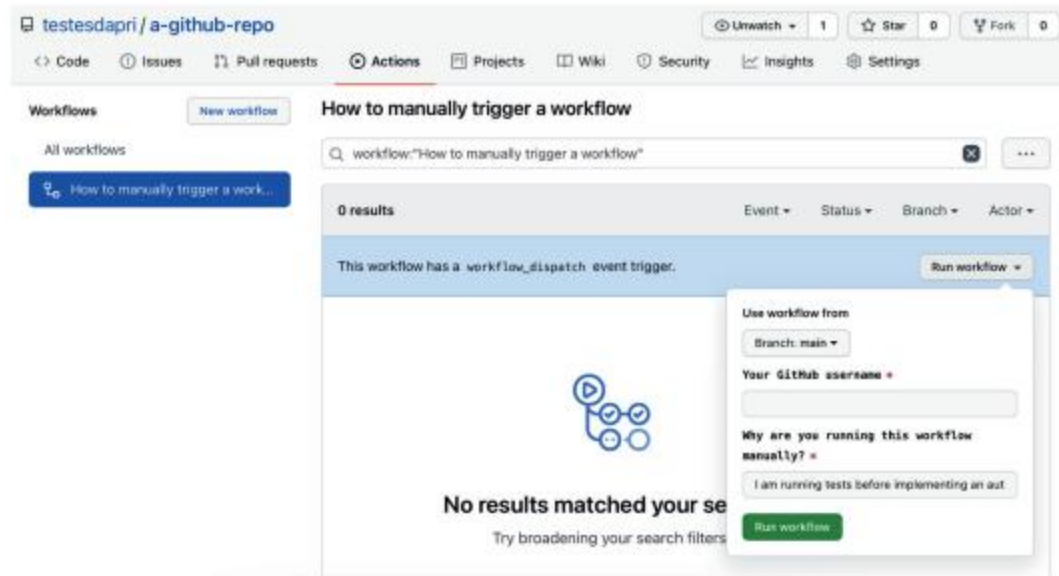
SINTAXIS

```
name: Nombre-del-Workflow

on:
  evento:
    - evento-trigger

jobs:
  nombre-del-trabajo:
    runs-on: tipo-de-maquina
    steps:
      - nombre-del-paso:
          run: comando-a-ejecutar
```

EVENTOS



YAML

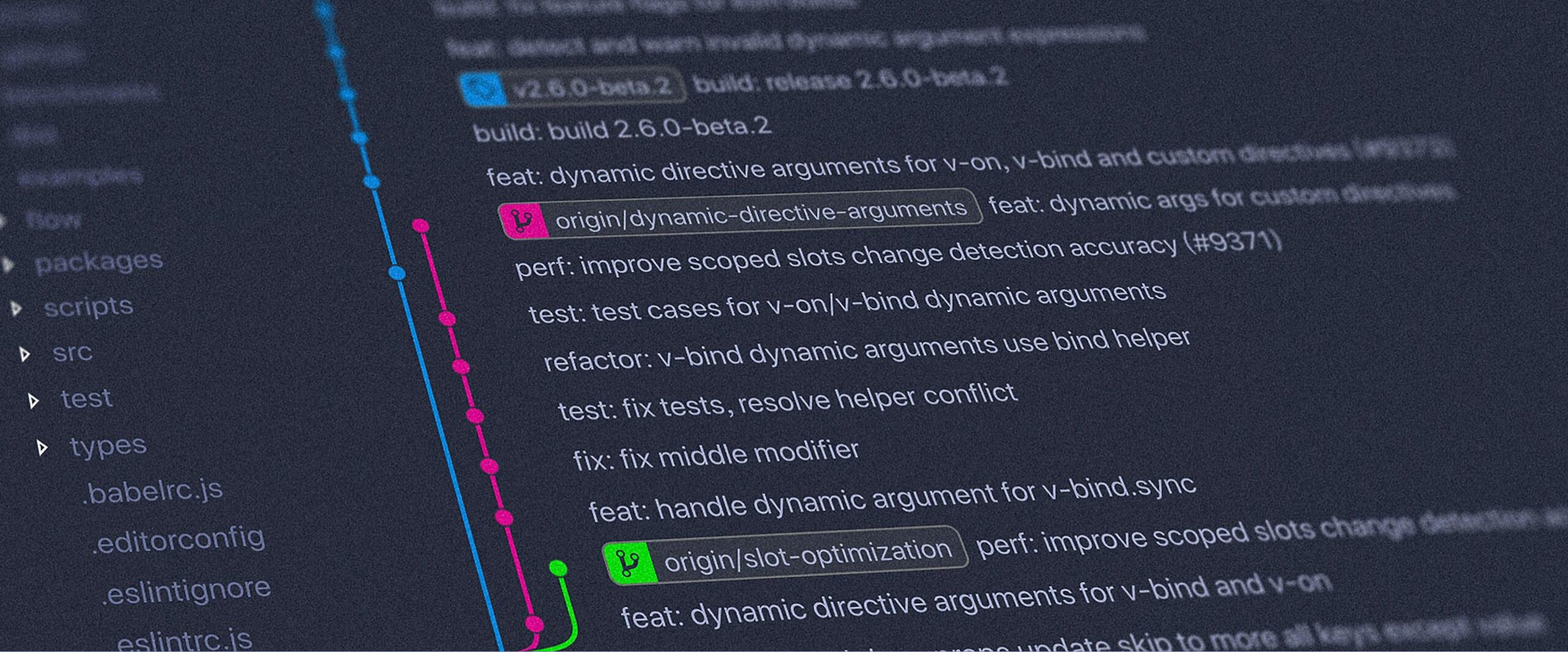
```
name: Greeting on variable day

on:
  workflow_dispatch

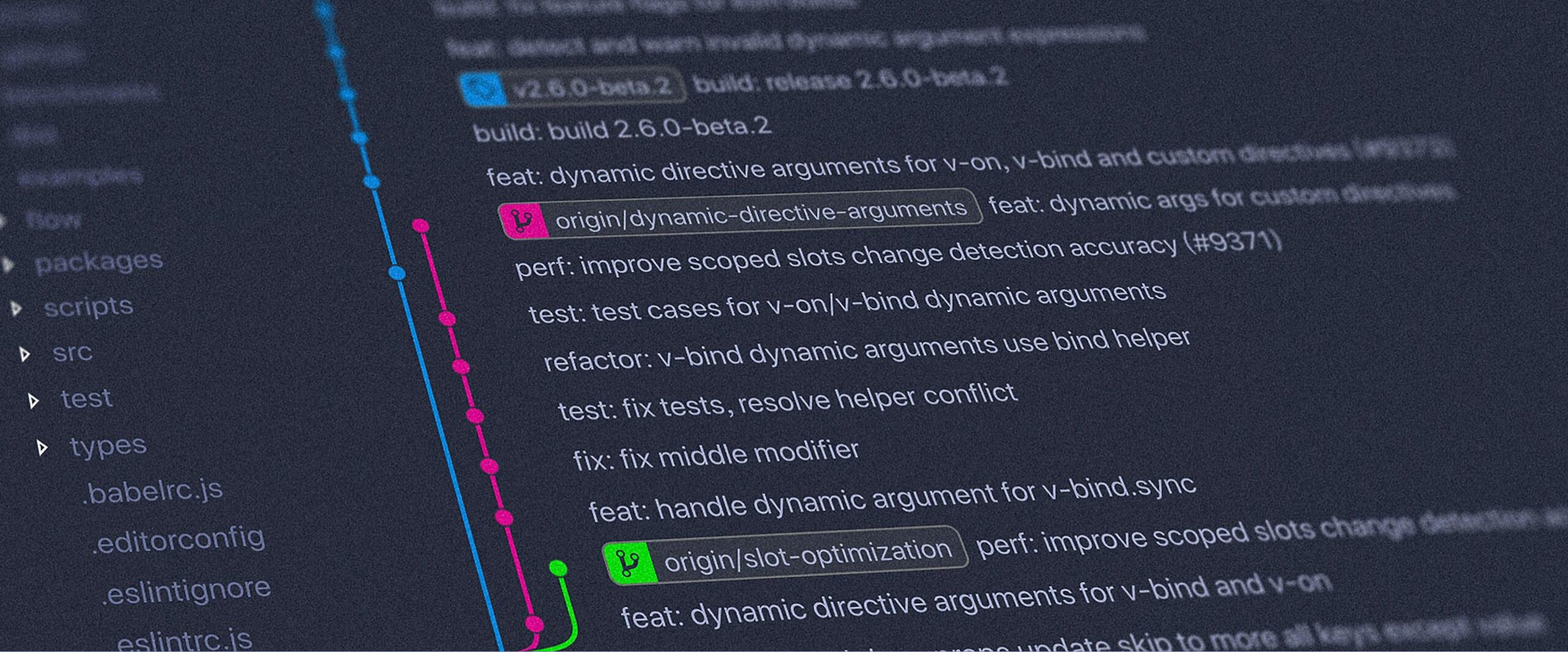
env:
  DAY_OF_WEEK: Monday

jobs:
  greeting_job:
    runs-on: ubuntu-latest
    env:
      Greeting: Hello
    steps:
      - name: "Say Hello Mona it's Monday"
        run: echo "$Greeting $First_Name. Today is $DAY_OF_WEEK!"
        env:
          First_Name: Mona
```

AGENTES



DEMO



LABORATORIO 1

VARIABLES

YAML

```
name: Greeting on variable day

on:
  workflow_dispatch

env:
  DAY_OF_WEEK: Monday

jobs:
  greeting_job:
    runs-on: ubuntu-latest
    env:
      Greeting: Hello
    steps:
      - name: "Say Hello Mona it's Monday"
        run: echo "$Greeting $First_Name. Today is $DAY_OF_WEEK!"
        env:
          First_Name: Mona
```


Actions secrets and variables

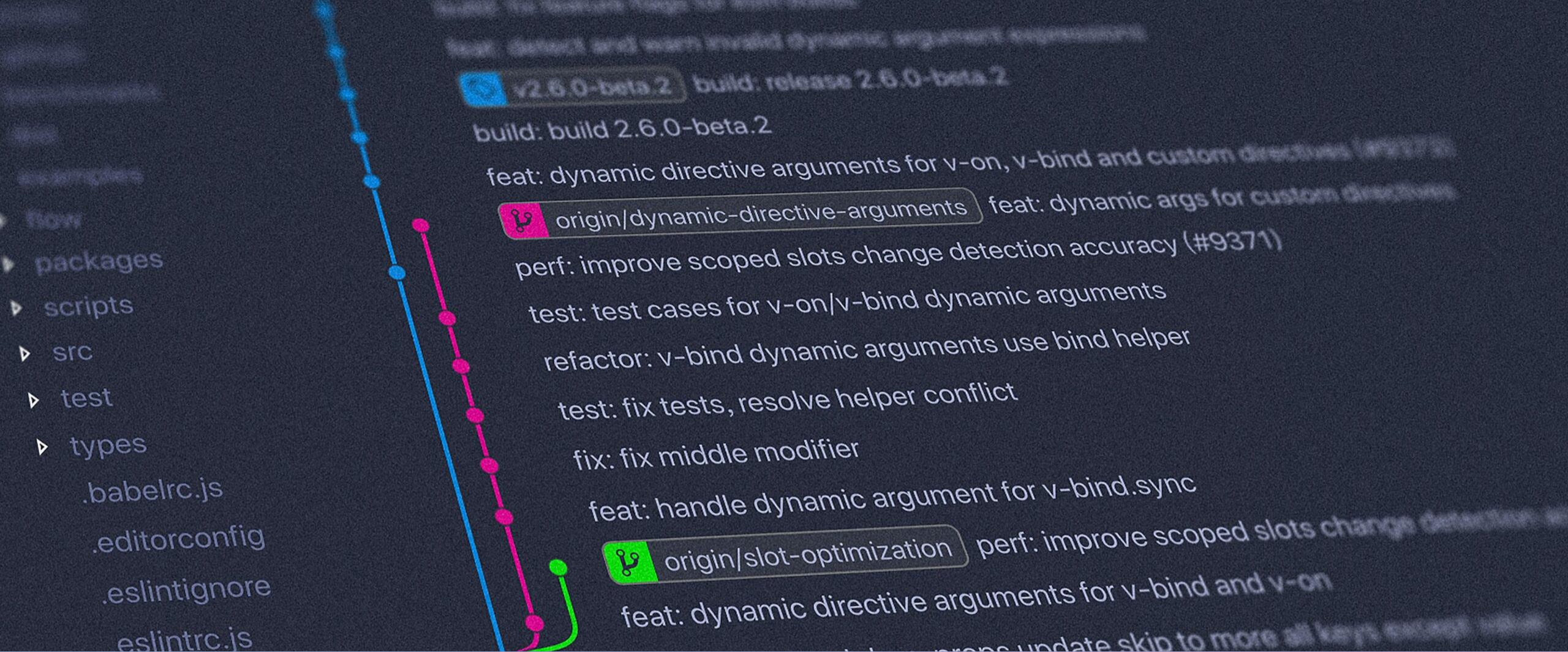
[New repository secret](#)

Secrets and variables allow you to manage reusable configuration data. Secrets are **encrypted** and are used for sensitive data. [Learn more about encrypted secrets](#). Variables are shown as plain text and are used for **non-sensitive** data. [Learn more about variables](#).

Anyone with collaborator access to this repository can use these secrets and variables for actions. They are not passed to workflows that are triggered by a pull request from a fork.

[Secrets](#)[Variables](#)

CREAR VARIABLE DE
REPOSITORIO



LABORATORIO 2

CONTEXTS

Context name	Type	Description
<code>env</code>	object	Contains variables set in a workflow, job, or step. For more information, see env context .
<code>vars</code>	object	Contains variables set at the repository, organization, or environment levels. For more information, see vars context .
<code>job</code>	object	Information about the currently running job. For more information, see job context .
<code>jobs</code>	object	For reusable workflows only, contains outputs of jobs from the reusable workflow. For more information, see jobs context .
<code>steps</code>	object	Information about the steps that have been run in the current job. For more information, see steps context .
<code>runner</code>	object	Information about the runner that is running the current job. For more information, see runner context .
<code>secrets</code>	object	Contains the names and values of secrets that are available to a workflow run. For more information, see secrets context .
<code>strategy</code>	object	Information about the matrix execution strategy for the current job. For more information, see strategy context .
<code>matrix</code>	object	Contains the matrix properties defined in the workflow that apply to the current job. For more information, see matrix context .
<code>needs</code>	object	Contains the outputs of all jobs that are defined as a dependency of the current job. For more information, see needs context .
<code>inputs</code>	object	Contains the inputs of a reusable or manually triggered workflow. For more information, see inputs context .

[]

Index

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Property de-reference

!

Not

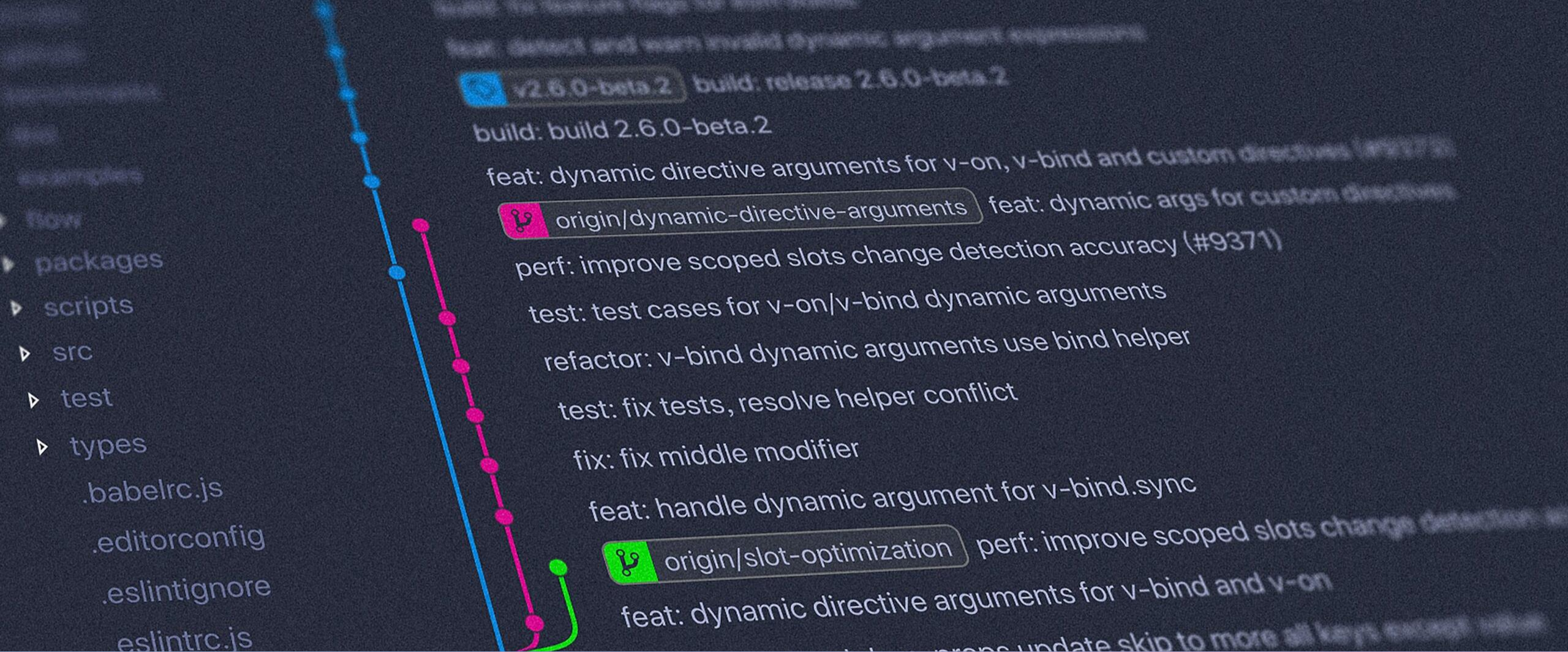
<

Less than

<=

Less than or equal

OPERADORES



LABORATORIO 3

ACTIONS

Actions

An entirely new way to automate your development workflow.

18381 results filtered by [Actions](#) ×

Actions



Setup Java JDK

By actions

Set up a specific version of the Java JDK and add the command-line tools to the PATH

☆ 1.1k stars



Setup .NET Core SDK

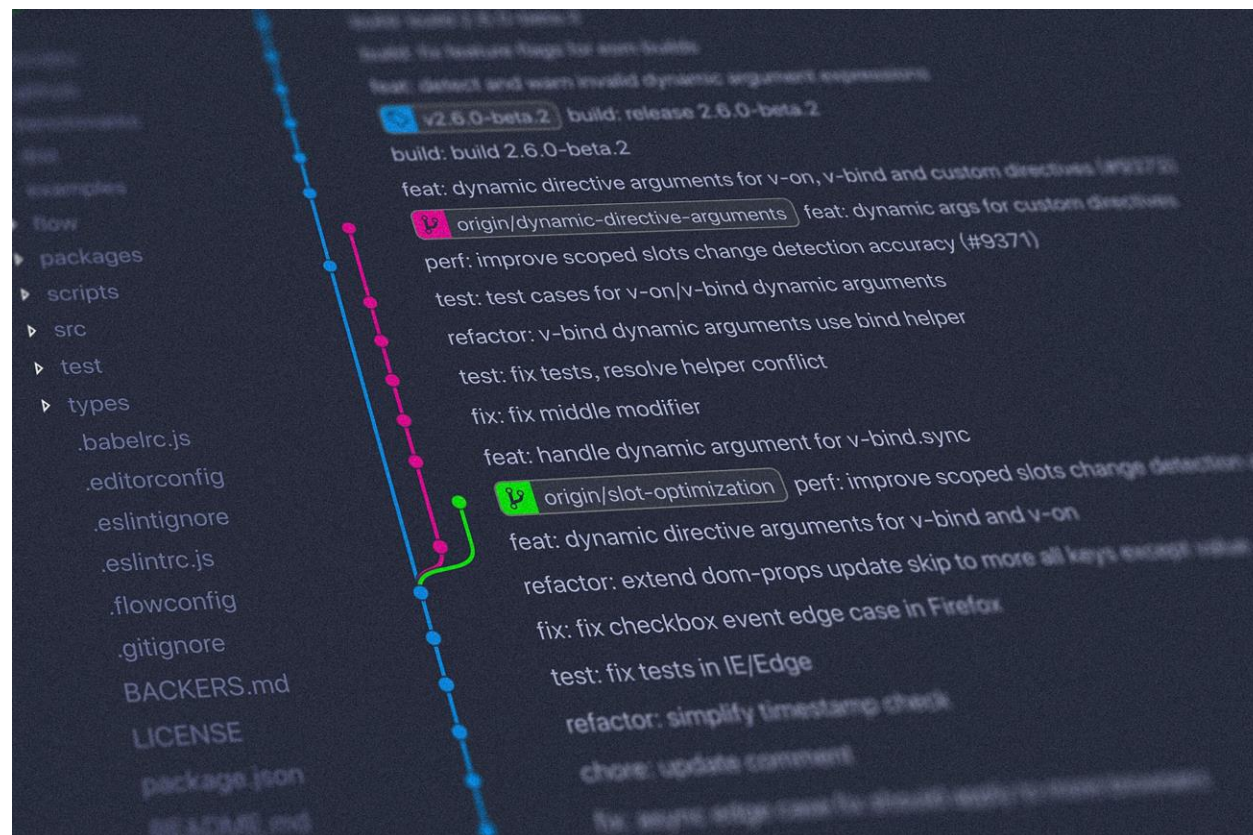
By actions

Used to build and publish .NET source. Set up a specific version of the .NET and authentication to private NuGet repository

☆ 747 stars

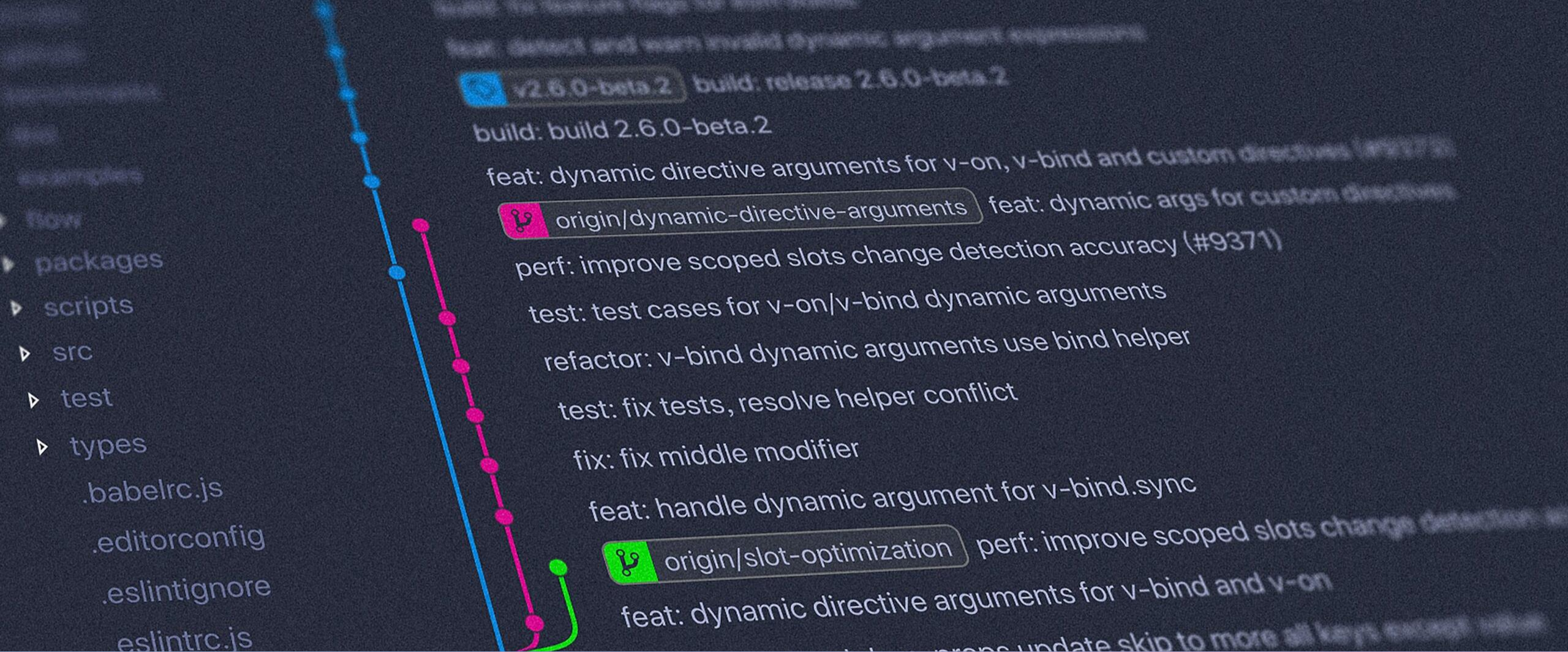
LABORATOR

IO 4



SONARCLOUD

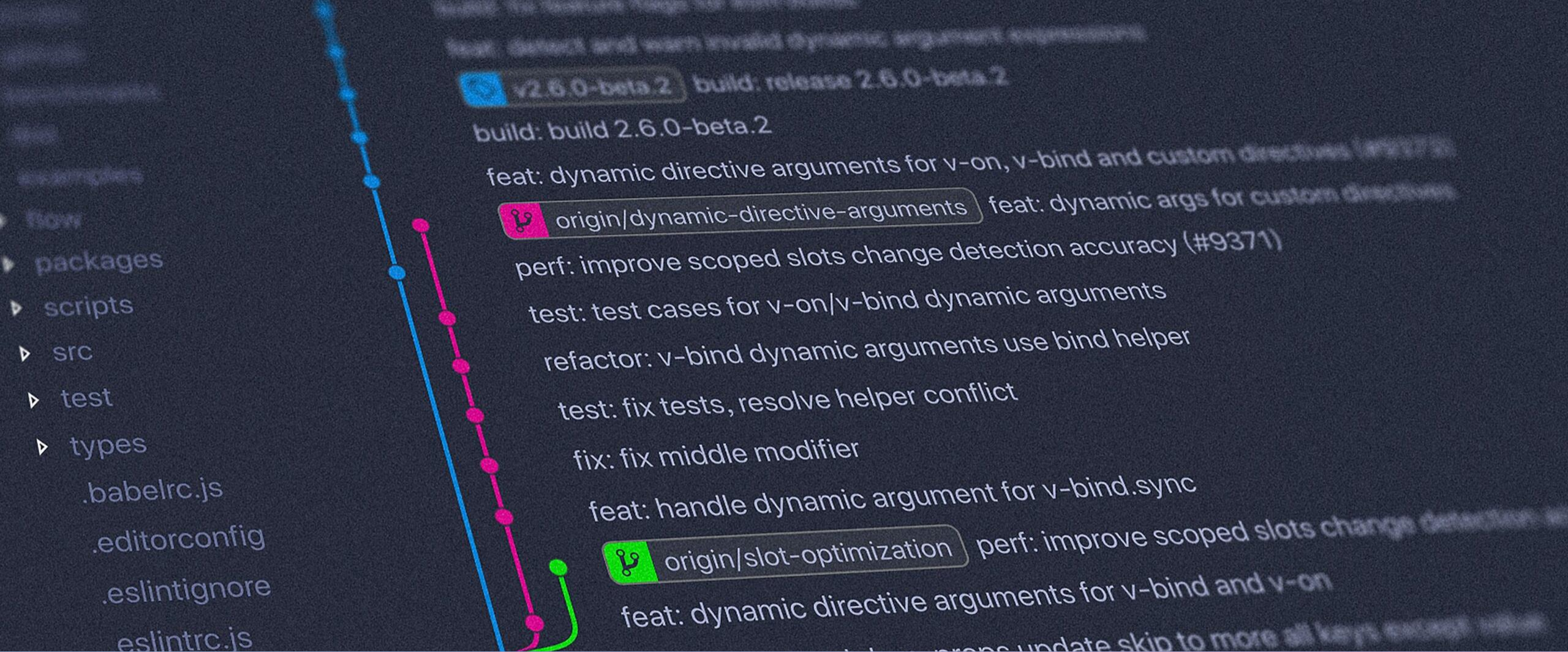
sonarcloud 



LABORATORIO 5

TEST PYTHON

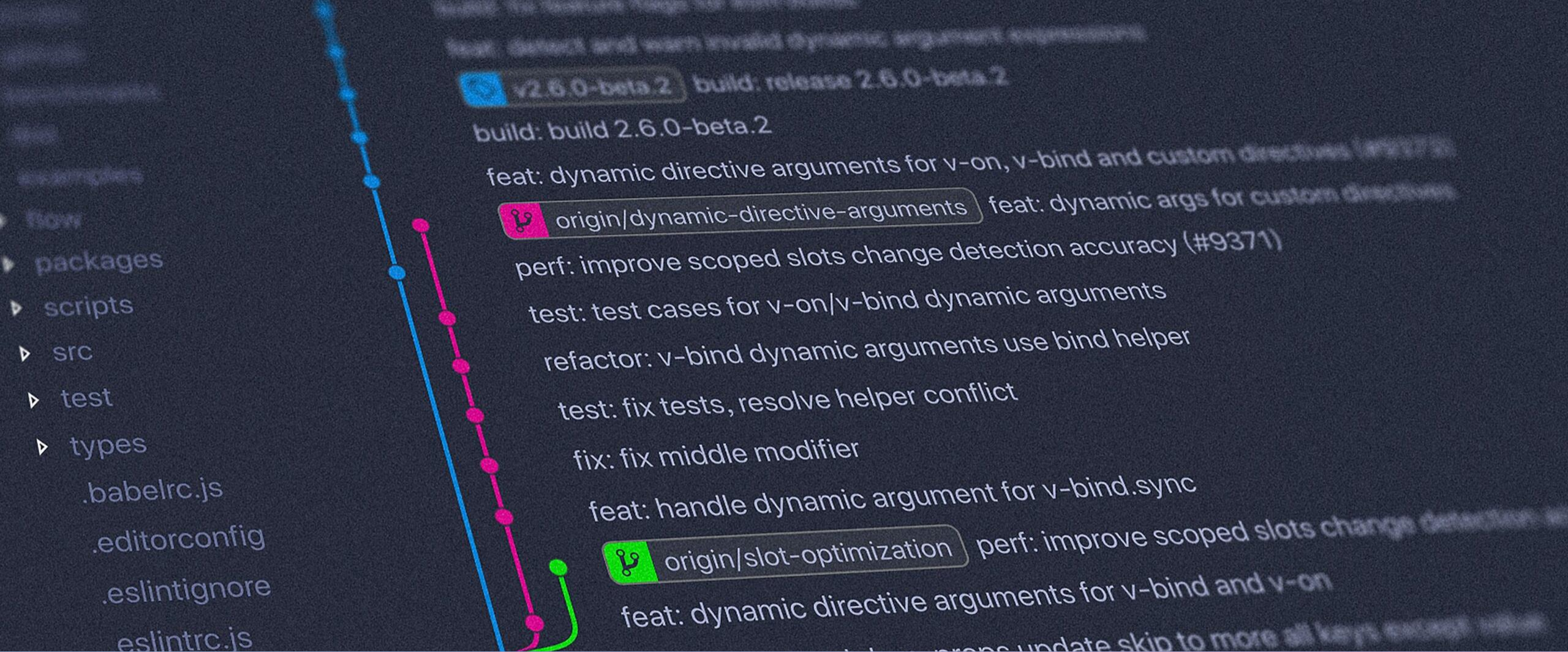




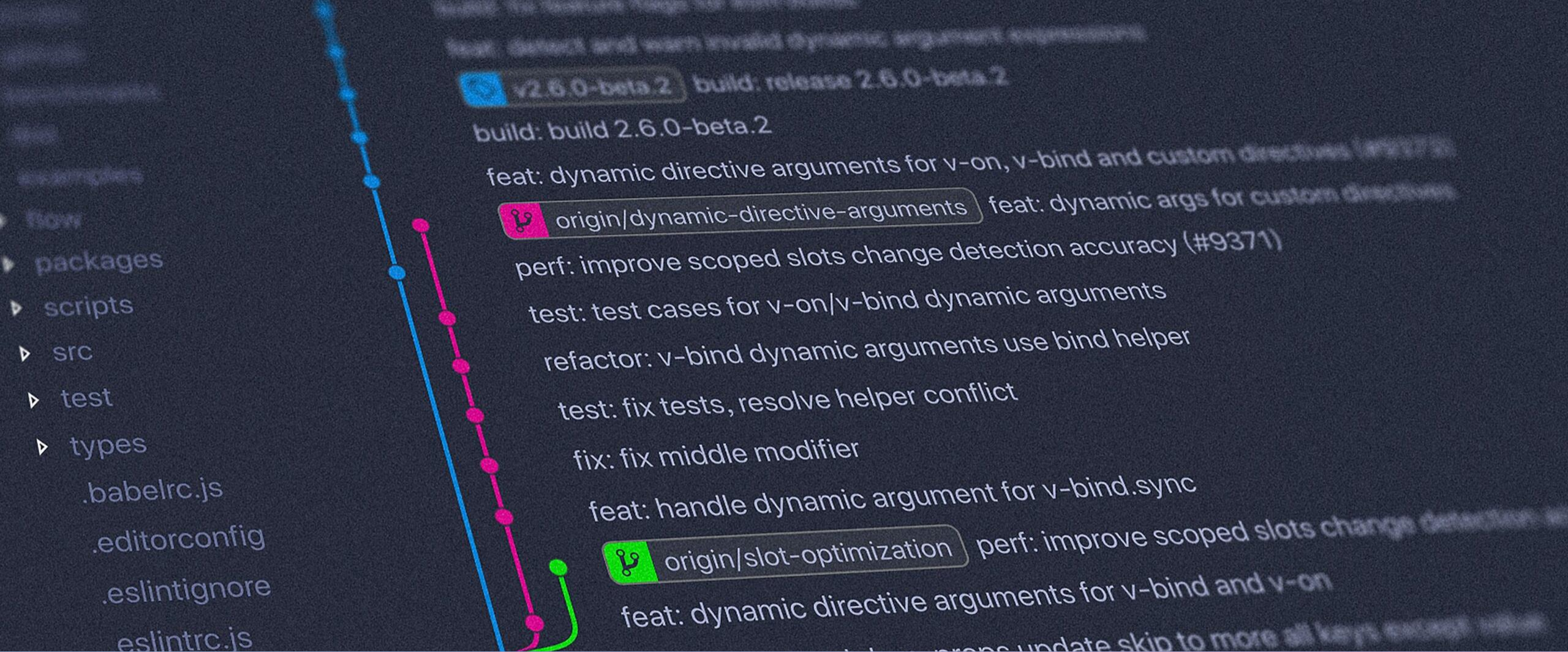
LABORATORIO 6

A large crowd of stylized human figures in various colors (dark blue, light blue, yellow, orange, white) is shown. The figures are simplified, with circular heads and rectangular bodies. In the center of the crowd, a white figure stands out with its arms raised in a 'V' shape. The background is a soft, out-of-focus gradient of blue and purple.

TEAMS



LABORATORIO 7



PROYECTO FINAL