INGENIERIA DE SOFTWARE II
GitHub Actions

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Carrera: Licenciatura en Ingeniería en Informática y Sistemas

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```
PS C:\Users\Rosa Osegueda\desktop\IngenieriaSoftware> ls


    Directorio: C:\Users\Rosa Osegueda\desktop\IngenieriaSoftware


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----        4/2/2024     20:37                githubactions
d-----        2/2/2024     19:11                practicetest
-a----        1/2/2024     19:16             97 package-lock.json

PS C:\Users\Rosa Osegueda\desktop\IngenieriaSoftware> cd .\githubactions\
PS C:\Users\Rosa Osegueda\desktop\IngenieriaSoftware\githubactions> git clone https://github.com/osegueda2107/demoactions.git
Cloning into 'demoactions'...
warning: You appear to have cloned an empty repository.
PS C:\Users\Rosa Osegueda\desktop\IngenieriaSoftware\githubactions>
```

```
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions> npx create-next-app@latest --example with-jest demoactions
Creating a new Next.js app in C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\demoactions.

Downloading files for example with-jest. This might take a moment.
```

DEMOACTIONS
- > __tests__
- > app
- > node_modules
- > pages
- > public
- > styles
- ◆ .gitignore   U
- JS jest.config.js   U
- JS jest.setup.js   U
- TS next-env.d.ts
- {} package-lock.json   U
- {} package.json   U
- ① README.md   U
- TS tsconfig.json   U
- TS types.d.ts   U

New File...
Open File...
Open Folder...
Connect to...

Get Started with VS Code
Customize your editor, learn

Learn the Fundamentals

Recent

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
npm WARN deprecated abab@2.0.6: Use your platform's native atob() and btoa() methods instead
npm WARN deprecated domexception@4.0.0: Use your platform's native DOMException instead

added 485 packages, and audited 486 packages in 42s

73 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

Success! Created demoactions at C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\demoactions
Inside that directory, you can run several commands:

  npm run dev
    Starts the development server.

  npm run build
    Builds the app for production.

  npm start
    Runs the built app in production mode.

We suggest that you begin by typing:

  cd demoactions
  npm run dev
```

> OUTLINE

```
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions> cd demoactions
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\demoactions> npm run test:ci

> test:ci
> jest --ci

PASS  app/utils/add.test.ts
PASS  app/blog/[slug]/page.test.tsx
PASS  app/page.test.tsx
PASS  __tests__/snapshot.tsx
PASS  app/counter.test.tsx
PASS  __tests__/index.test.tsx

Test Suites: 6 passed, 6 total
Tests:       6 passed, 6 total
Snapshots:   1 passed, 1 total
Time:        3.628 s
Ran all test suites.
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\demoactions>
```
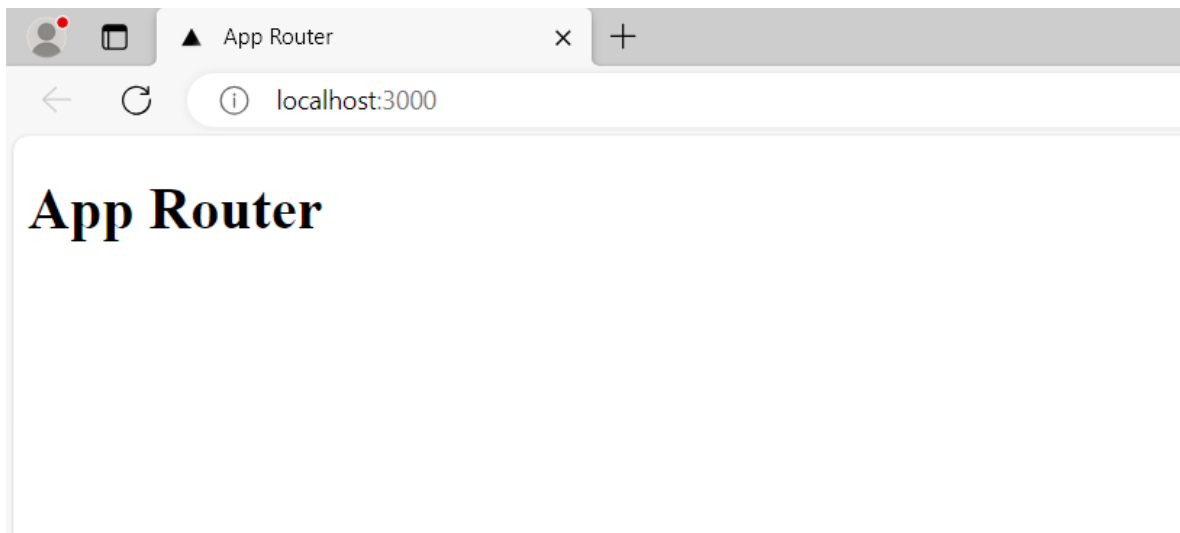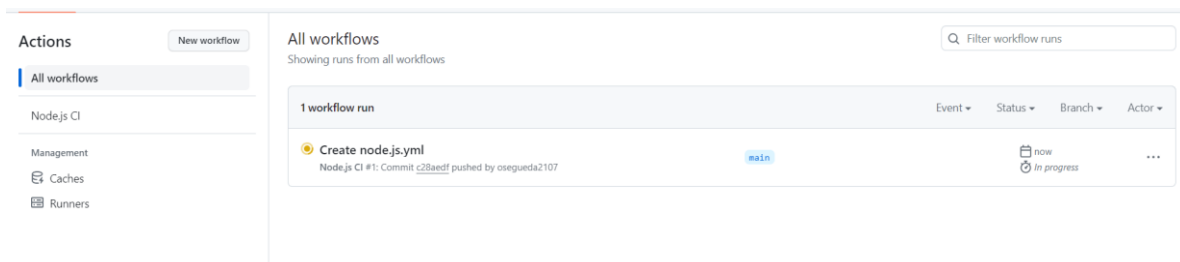
```
Ran all test suites.
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\demoactions> npm run dev

> dev
> next dev

 ▲ Next.js 14.1.0
 - Local:        http://localhost:3000

✓ Ready in 2.9s
o Compiling / ...
✓ Compiled / in 2.3s (407 modules)
```
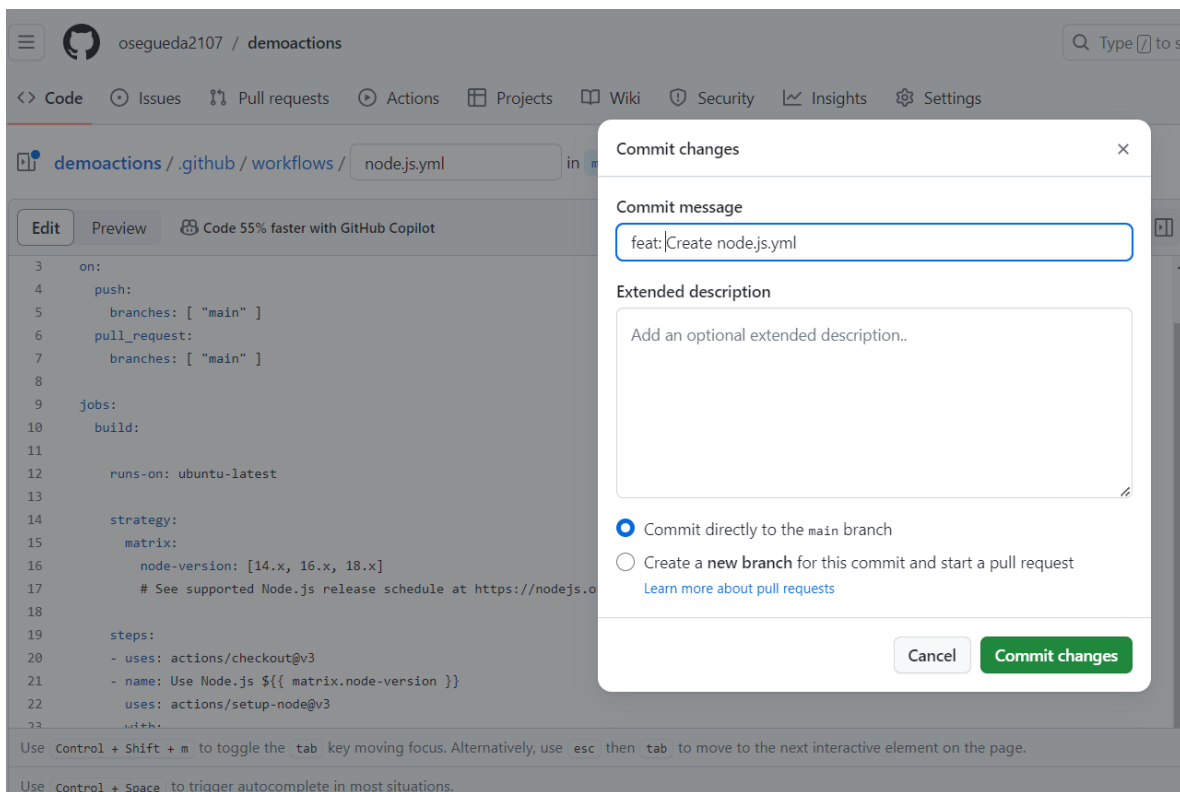
localhost:3000

App Router
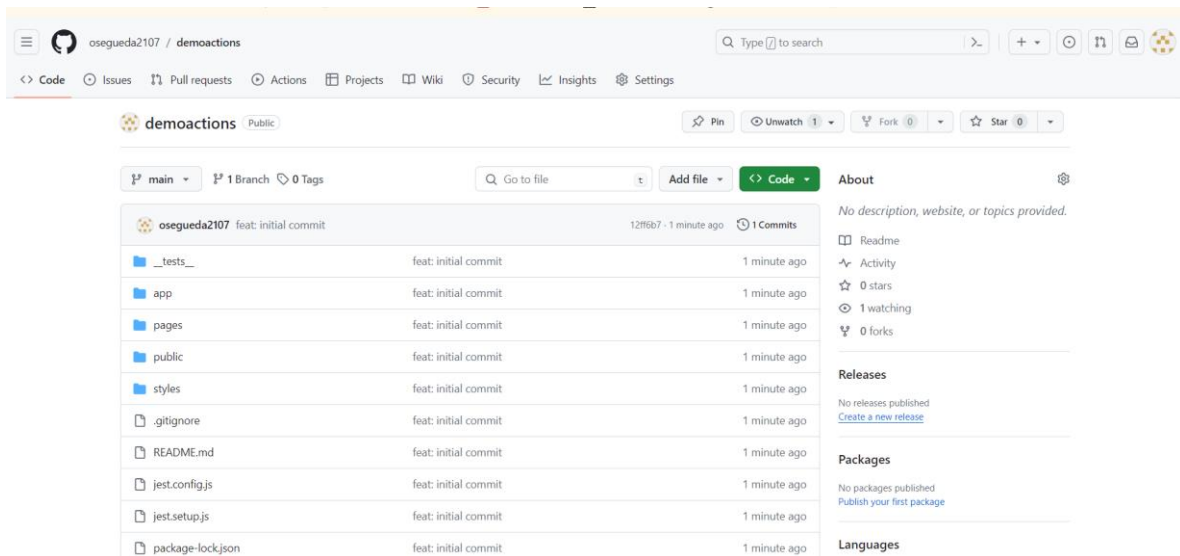
1. Push en cualquier branch

2. Push a branch en específico.

3. Pull Request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks. Learn more about diff comparis

base: main ← compare: dev ✓ **Able to merge.** These branches can be automatically merged.

Add a title

Page test : cambios

Add a description

| Write | Preview | H B I 🗏 <> 🔗 ≣ ≡ ☰ 📎 @ ⎘ ↩ ⎘ |

Se edito el contenido de "page.test.tsx" y "pagetsx"

Ⓜ Markdown is supported   🖼 Paste, drop, or click to add files

Create pull request ▾

Add more commits by pushing to the `dev` branch on **osegueda2107/actionstest**.

⦗ **Require approval from specific reviewers before merging**   **Add rule** ✕
Rulesets ensure specific people approve pull requests before they're merged.

✓ **All checks have passed**   Show all checks
   2 successful checks

✓ **This branch has no conflicts with the base branch**
   Merging can be performed automatically.

Merge pull request ▾   You can also open this in GitHub Desktop or view command line instructions.

All workflows
Showing runs from all workflows

🔍 Filter workflow runs

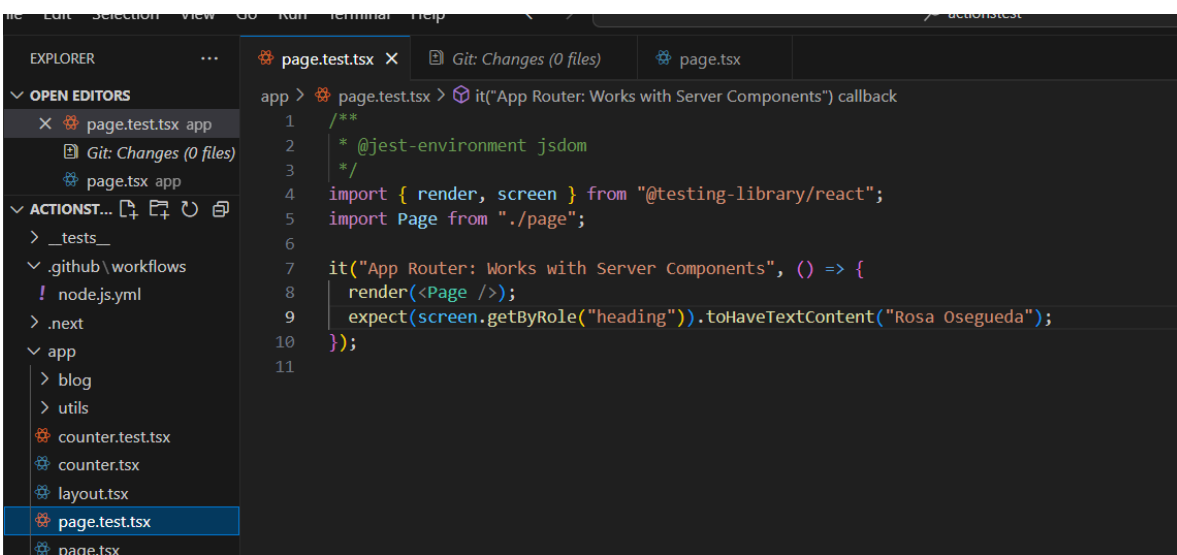| 5 workflow runs			Event ▾	Status ▾	Branch ▾	Actor ▾
✓ **Merge pull request #1 from osegueda2107/dev** Node.js CI #5: Commit a368864 pushed by osegueda2107	main				📅 1 minute ago ⏱ 35s	⋯
✓ **Page test : cambios** Node.js CI #4: Pull request #1 opened by osegueda2107	dev				📅 5 minutes ago ⏱ 23s	⋯

```
To https://github.com/osegueda2107/actionstest.git
   c28aedf..b604056  dev -> dev
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\actionstest> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\actionstest> git pull
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 900 bytes | 150.00 KiB/s, done.
From https://github.com/osegueda2107/actionstest
   c28aedf..a368864  main       -> origin/main
Updating c28aedf..a368864
Fast-forward
 app/page.test.tsx | 2 +-
 app/page.tsx      | 2 +-
 2 files changed, 2 insertions(+), 2 deletions(-)
PS C:\Users\Rosa Osegueda\Desktop\IngenieriaSoftware\githubactions\actionstest> 
```

EXPLORER

OPEN EDITORS
- ✕ page.test.tsx app
- Git: Changes (0 files)
- page.tsx app

ACTIONST...
- > __tests__
- ∨ .github\workflows
  - ! node.js.yml
- > .next
- ∨ app
  - > blog
  - > utils
  - counter.test.tsx
  - counter.tsx
  - layout.tsx
  - page.test.tsx
  - page.tsx

page.test.tsx ✕   Git: Changes (0 files)   page.tsx

app > page.test.tsx > it("App Router: Works with Server Components") callback

```tsx
1  /**
2   * @jest-environment jsdom
3   */
4  import { render, screen } from "@testing-library/react";
5  import Page from "./page";
6
7  it("App Router: Works with Server Components", () => {
8    render(<Page />);
9    expect(screen.getByRole("heading")).toHaveTextContent("Rosa Osegueda");
10 });
11
```