Introduction to

Vitest

A blazing fast test runner powered by Vite

Vue.js Nation

Yet another test runner?

Vite

- No bundle & on-demand

- Browser's Native ESM

- Custom plugins & hooks (async)

Jest

- Bundle-based

- Lack of native ESM support

- Lack of async resolving and transformation support

- Duplication of efforts
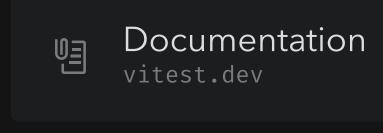
Mocha Jasmine

- Lack of integrations like Snapshot and Mocking

⚡ Vitest

- <u>Vite</u>'s config, transformers, resolvers, and plugins.

- Use the same setup from your app

- ESM first, top level await

- Out-of-box TypeScript / JSX support

- <u>Smart & instant watch mode</u>, like HMR for tests!

- Jest compatible: Expect, Snapshot, Mocking, Spy, etc.

- <u>Native code coverage</u> via <u>c8</u>

- <u>JSDOM</u> and <u>happy-dom</u> for DOM and browser API mocking

- Components testing (Vue, React, Svelte, Lit, etc.)

Getting Started

Documentation
vitest.dev

GitHub
github.com/vitest-dev/vitest

Discord
chat.vitest.dev

Team

Anthony Fu

A fanatical open sourceror
Core team member of Vite & Vue
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A collaborative being
Core team member of Vite
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An open source developer
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Contributors

Thank You!

Slides can be found on antfu.me