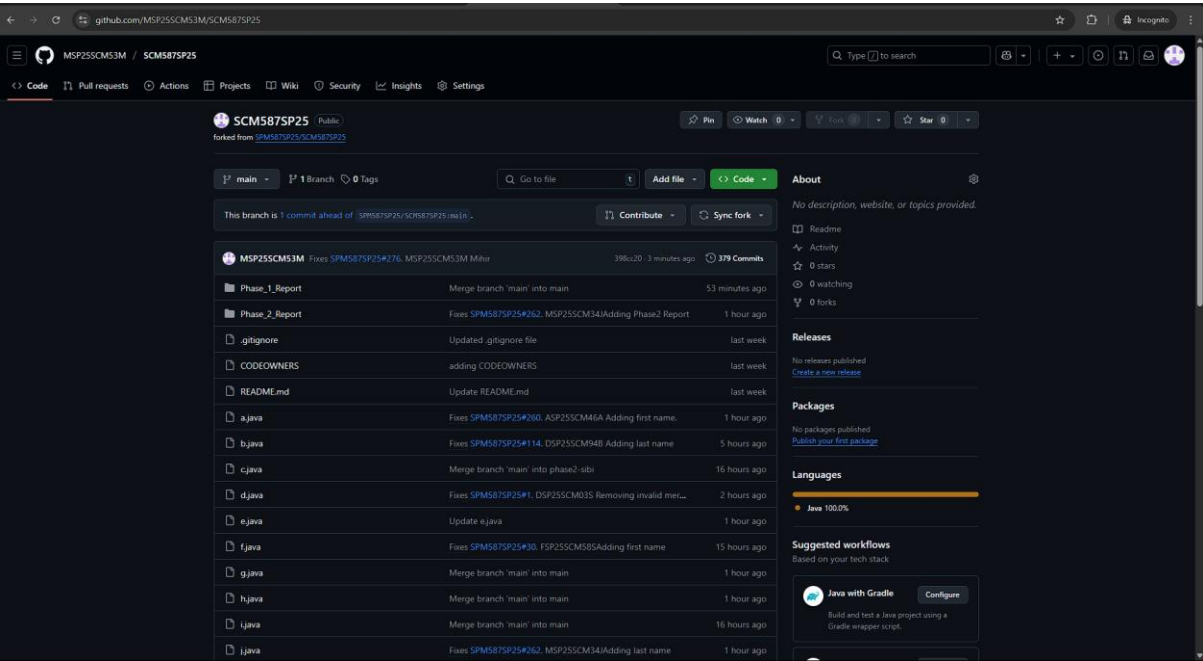
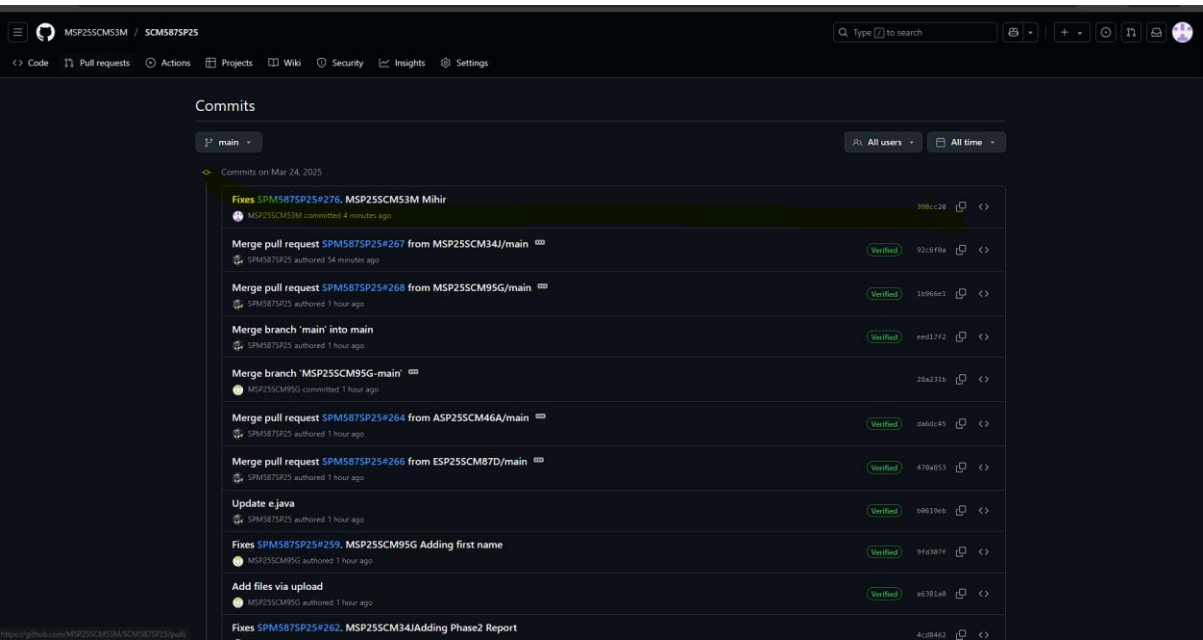


Screenshots :

Repo:



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Issue :

SPMS87SP25 / SCMS87SP25

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Bug: useEffect Not Triggering on State Update in Strict Mode #276

Open

EditNew issue

MSP25SCMS3M opened 17 minutes ago

DescriptionWhen running a React application in Strict Mode, the `useEffect` hook does not trigger reliably on state updates. This issue appears to be inconsistent, occurring primarily when using asynchronous state updates.
Steps to Reproduce1. Create a new React app with React 18.2. Wrap the application with `ReactDOM.StrictMode`.2. Use `useEffect` to log state updates.
3. Use `useState` and `useEffect` from `'react'`.
4. Create a function `App` that takes `count` and `setCount` as props.
5. Inside `App`, use `useState` to create `count` and `setCount`.
6. Use `useEffect` to log `count` whenever it updates.
7. Create a button that calls `setCount(count + 1)` and observe that the effect does not consistently trigger as expected after clicking the button.
Expected BehaviorThe `useEffect` hook should execute every time the state variable `count` updates, as specified in the dependency array.
Actual BehaviorIn Strict Mode, `useEffect` does not always trigger on state updates, leading to unexpected behavior.
EnvironmentReact version: 18.0.0, Browser: Chrome 110, Firefox 98, Operating System: Windows 11 / macOS Ventura.
Additional ContextThis issue does not appear in React 17. Disabling Strict Mode resolves the issue, but that is not a viable long-term solution. The behavior suggests a possible regression or interaction with React's rendering optimizations.
Possible SolutionInvestigate whether React's double rendering in Strict Mode is interfering with state updates and `useEffect` execution. Clarify in the documentation if this is intended behavior or a bug.

Create sub-issue

MSP25SCMS3M added Category: Bug, Detection Phase: Design, Origin Phase: Design, Priority: Medium, Status: In Progress 17 minutes ago

MSP25SCMS3M added a commit that references this issue 6 minutes ago
Fixes SPMS87SP25#276, MSP25SCMS3M #1h1r 398cc20

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AssigneesNo oneAssign yourself

LabelsCategory: Bug, Detection Phase: Design, Origin Phase: Design, Priority: Medium, Status: In Progress

ProjectsNo projects

MilestoneNo milestone

RelationshipsNone yet

DevelopmentCreate a branch for this issue or link a pull request.

NotificationsUnsubscribeYou're receiving notifications because you're subscribed to this thread.

Participants

Exact commit :

MSP25SCMS3M / SCMS87SP25

CodePull requestsActionsProjectsWikiSecurityInsightsSettings

Commit 398cc20

MSP25SCMS3M committed 5 minutes ago

Browse files

Fixes SPMS87SP25#276, MSP25SCMS3M #1h1r

main1 parent: 52c6fba commit 398cc20

Filter files...mjava

1 file changed+1-1 lines changed

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1

@@ -3,4 +3,4 @@

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