

# Warning: "1 issue was detected with this workflow: git checkout HEAD^2 is no longer necessary"

If you see this warning, you should update your workflow to follow current best practice.

If you're using an old CodeQL workflow you may get the following warning in the output from the "Initialize CodeQL" action:

```
Warning: 1 issue was detected with this workflow: git checkout HEAD^2 is no
longer
necessary. Please remove this step as Code Scanning recommends analyzing the
merge
commit for best results.
```

Fix this by removing the following lines from the CodeQL workflow. These lines were included in the `steps` section of the `Analyze` job in initial versions of the CodeQL workflow.

```
with:
  # We must fetch at least the immediate parents so that if this is
  # a pull request then we can checkout the head.
  fetch-depth: 2

# If this run was triggered by a pull request event, then checkout
# the head of the pull request instead of the merge commit.
- run: git checkout HEAD^2
  if: ${github.event_name == 'pull_request' }}
```

The revised `steps` section of the workflow will look like this:

```
steps:
  - name: Checkout repository
    uses: actions/checkout@v4

  # Initializes the CodeQL tools for scanning.
  - name: Initialize CodeQL
    uses: github/codeql-action/init@v2

  ...
```

For more information about editing the CodeQL workflow file, see "[Customizing your advanced setup for code scanning](#)."

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