

Issues In Electron

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How to Contribute to Issues

For any issue, there are fundamentally three ways an individual can contribute:

1. By opening the issue for discussion: If you believe that you have found a new bug in Electron, you should report it by creating a new issue in the `electron/electron` issue tracker.
2. By helping to triage the issue: You can do this either by providing assistive details (a reproducible test case that demonstrates a bug) or by providing suggestions to address the issue.
3. By helping to resolve the issue: This can be done by demonstrating that the issue is not a bug or is fixed; but more often, by opening a pull request that changes the source in `electron/electron` in a concrete and reviewable manner.

Asking for General Help

The Electron website has a list of resources for getting programming help, reporting security issues, contributing, and more. Please use the issue tracker for bugs only!

Submitting a Bug Report

To submit a bug report:

When opening a new issue in the `electron/electron` issue tracker, users will be presented with a template that should be filled in.

If you believe that you have found a bug in Electron, please fill out the template to the best of your ability.

The two most important pieces of information needed to evaluate the report are a description of the bug and a simple test case to recreate it. It is easier to fix a bug if it can be reproduced.

See How to create a Minimal, Complete, and Verifiable example.

Triaging a Bug Report

It's common for open issues to involve discussion. Some contributors may have differing opinions, including whether the behavior is a bug or feature.

This discussion is part of the process and should be kept focused, helpful, and professional.

Terse responses that provide neither additional context nor supporting detail are not helpful or professional. To many, such responses are annoying and unfriendly.

Contributors are encouraged to solve issues collaboratively and help one another make progress. If you encounter an issue that you feel is invalid, or which contains incorrect information, explain *why* you feel that way with additional supporting context, and be willing to be convinced that you may be wrong. By doing so, we can often reach the correct outcome faster.

Resolving a Bug Report

Most issues are resolved by opening a pull request. The process for opening and reviewing a pull request is similar to that of opening and triaging issues, but carries with it a necessary review and approval workflow that ensures that the proposed changes meet the minimal quality and functional guidelines of the Electron project.