

SmartDeviceLink GitHub Best Practices

General Overview

SmartDeviceLink is an open source project maintained by Livio for all SDLC members. The SDL GitHub repositories are shared spaces that should be kept and organized in a way that benefits all members of the SDLC. These repositories should not be used for member-specific documentation, issue tracking, or prioritization.

Entering Issues

If you've identified a bug within a project, please enter an issue. Before entering an issue, the following should be confirmed:

- Issue has been tested and replicated.
- Issue has not already been reported in repository.
- Issue is for existing functionality, and not proposing a new feature.
 - Please reference [this document](#) to understand if you should enter an issue or SDL Evolution Proposal.
- Questions should be posted to Slack, and not entered as GitHub issues.

Once you've confirmed you have a new and valid issue, please follow these steps to enter on GitHub:

- Access appropriate SDL Repository.
- Click `New issue`.
- Follow the issue template to provide all applicable information about the issue.
 - If template is not followed, the project maintainer will close the issue.
 - The project maintainer may ask for more information if details provided are not sufficient, and will close the issue if additional details are not provided in a timely fashion.
 - If the project maintainer identifies the issue as a duplicate, they will close the issue.
- If you plan to submit the pull request to resolve the issue, please assign the issue to yourself.
- To raise an issue as high priority, please notify SDLC@smartdevicelink.com so that the item can be added to an upcoming Steering Committee meeting agenda.
- Do not add labels to your issue, as those will be added by the project maintainer.

Submitting Pull Requests

To provide a fix for an issue, please submit a pull request.

Pull Request Requirements:

- There should only be one issue resolved with each pull request, and only one pull request required to resolve an issue.
- Follow the pull request template to provide all applicable information about the PR.
- Once a PR is ready for review, please request a review from the project maintainer, as directed in the PR template.

Project Maintainer Responsibilities

It's the project maintainer's responsibility to maintain all GitHub repositories for SmartDeviceLink, and it's important that the issue and pull request queues are kept as up to date as possible, to allow for better identification and prioritization of issues and features by the SDLC. As such, the project maintainer will perform the following:

- Ensure issue can be replicated, adequate information is provided, and follow up with the author as needed.
- Based on direction provided by the SDLC, assign applicable labels to issues/PRs, and add issues/PRs to appropriate GitHub projects for management and tracking purposes.
- Enter issues for accepted SDL Evolution Proposals.
- Follow SDLC's direction for prioritizing issues, PRs, and proposal implementations.
- Close issues/PRs that have been identified as invalid, duplicates, or not specific to SDL.
- Suspend accounts that have been found to repeatedly violate the best practices outlined in this document.

Additional Resources and Information

- Each repository has its own `CONTRIBUTING.md` file which should be reviewed and adhered to in all contributions.
- [GitFlow](#) guidelines should be followed for contributions and branch management.
- [General GitHub documentation](#)
- [GitHub pull request documentation](#)