

# Google Launches Gemini CLI GitHub Actions: Automate PR Review, Issue Triage, and More

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Google has just announced **Gemini CLI GitHub Actions** – a completely free AI-powered programming tool, developed from an internal need to manage pull requests and issues on GitHub. Shortly after the community discovered this automated system in the Gemini CLI repository, Google finally decided to share the tool publicly.

Gemini CLI GitHub Actions is now available in beta at the `google-github-actions/run-gemini-cli` repository. It will trigger Gemini CLI to run asynchronously in the background when a new event, such as an issue or pull request, is created.

According to Google, because the Gemini CLI can understand the context of the entire repository – including source code and existing issues – it can handle tasks on its own without constant monitoring.

Google has built a number of open source workflows for users to customize for their projects. There are 3 main tasks including:

1. **Smart issue classification:** Automatically analyze, label, and prioritize new issues, helping developers focus on more important work.
2. **Accelerate pull request reviews:** Automatically respond to code changes, check quality and coding style – saving time on initial manual reviews.
3. **Collaborate on demand:** You can 'assign' tasks to AI by mentioning `@gemini-cli` in an issue or PR comment, to write tests, fix bugs, and more.

Additionally, users can extend automation capabilities such as creating release notes, updating changelogs.

On the security front, Google has integrated Google Cloud's **Workload Identity Federation (WIF)** for Vertex AI and Gemini Code Assist users. This enables precise control of AI agent access without the need for persistent API keys. Users can also enforce the principle of least privilege with allowlists and custom identifiers.

To use Gemini CLI GitHub Actions, users need to be running **Gemini CLI version 0.1.16 or higher** , then execute the `/setup-github` command to start the setup.

Gemini CLI was introduced by Google in June as a counterweight to other command-line AI tools like Claude Code. Based on the power of the **Gemini 2.5 Pro** platform , Gemini CLI promises to become a solution to support users in writing code, debugging, researching and working directly from the terminal more conveniently.

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