



Sourcegraph's code AI platform available natively in GitLab

GitLab is the most comprehensive DevSecOps platform in the market today, offering a powerful suite of products to help create secure software faster. To bring even more value to GitLab users, GitLab is designed as an open-source platform to allow easy integration with leading technology partners. These integrations allow organizations to share data between GitLab and the partner's tools to extract more value from both products.

GitLab now offers integration with Sourcegraph to provide additional AI coding assistance and code search.

Sourcegraph Overview

Sourcegraph is the code AI platform that makes codebases intelligible by semantically indexing and analyzing all of an organization's code and code-related data sources to give dev and engineering leaders a complete understanding of their codebase. Developers use Sourcegraph's Cody, the AI coding assistant, and Code Search to understand, fix, and automate across the entire codebase across every code host, language, and repository.

Solutions Overview

The integration delivers Cody and Code Search natively in GitLab.

Cody: Cody is an AI coding assistant, answering technical questions, fixing and generating code with high accuracy. Devs can use Cody directly in their text editor or wherever they're writing and reading code.

Code Search and Navigation: Answer questions about your codebase and get unblocked faster. With Code Search and precise code navigation, developers can find code to reuse, resolve issues and incidents faster, discover every instance of vulnerable code in milliseconds, and get answers fast without waiting for context from teammates.

Batch Changes: Automate large-scale code changes across the entire codebase such as updating legacy code, removing outdated patterns, and fixing critical security issues.

Code Insights: Transform your code into a queryable database and create visual dashboards in seconds, allowing you to track migrations, code smells, ownership, versions, and more.

Code Monitoring: Get alerted whenever a specified pattern appears in your codebase, such as legacy code, calls to deprecated endpoints, or changes to specified files.

Cody complements the AI-assisted features GitLab offers providing customers multiple ways to take advantage of Artificial Intelligence.

87% of devs say they're struggling to keep their knowledge up to date on new code written.

74% say that they rely too heavily on other people to understand their codebase.

73% of devs are blocked more frequently due to the size of their codebase.

*Sourcegraph's Big Code report, May 2023

Solution use cases



CODE UNDERSTANDING:

Find and fix code in any code host, language, or repository. Cody can explain what code is doing—at a high level or in detail



CODE SECURITY

Find every instance of a vulnerability. Automate MR creation to fix vulnerabilities. Monitor commits for introduction of risky patterns.



AI-GENERATED CODE:

Generate everything from boilerplate code to API resolvers that rely on the context and style of your codebase.

Features and Benefits

Sourcegraph's code AI platform helps developers build better software by freeing up their time to focus on complex solutions.

Cody:

- **Write and understand code quicker:** Cody writes code and answers questions using your own code graph as context, whether it's across multiple instances of GitLab or multiple code hosts.
- **Stay in Context:** Cody works with GitLab and your IDEs so you don't have to move to another interface to get answers.

Code Search:

- **Understand code:** Uncover answers, gather context, and understand dependencies quickly and without interrupting teammates.
- **Improve code security:** Find, track, and fix vulnerable code in minutes, and have confidence you have resolved every instance of the vulnerability.
- **Accelerate codebase-wide changes:** Make large-scale code changes across code hosts and repositories. Track and manage all of your changes until each is merged.
- **Track everything in your codebase:** Transform your code into a queryable database to create visual dashboards in seconds to track everything in your codebase, from migrations to code smells.

About Sourcegraph

Sourcegraph is a code AI platform: "software that builds software". Our code graph powers Cody, the most powerful and accurate code AI for writing, fixing, and maintaining code, and Code Search, helping devs explore their entire codebase and make large-scale migrations and security fixes. Our customers include 4 of the top 10 banks, 4/5 FAANG companies, government organizations, Uber, Plaid, and many other companies building the software that pushes the world forward.

For more information, e-mail us at partner@sourcegraph.com or visit our [website](https://sourcegraph.com).

About GitLab

GitLab is The DevOps platform that empowers organizations to maximize the overall return on software development by delivering software faster and efficiently while strengthening security and compliance. With GitLab, every team in your organization can collaboratively plan, build, secure, and deploy software to drive business outcomes faster with complete transparency, consistency, and traceability.

For more information, email us at: alliance@gitlab.com or visit us [here](https://gitlab.com).