Sourcegraph

Sourcegraph vs GitHub Code Search

Category	Feature	Sourcegraph	GitHub Code Search
Search Search code across all your repositories and code hosts	Comprehensive search across all repositories, branches, and tags–including forks and archived repositories	✅	🚫
	Multiple pattern types supported, including structural search	✅	🟡
	Advanced diff search: restrict to additions or removals	✅	🚫
	True precise code intelligence via LSIF (see Code Intelligence section for details)	✅	🚫
	Date and time filtering on commits	✅	🚫
	Multiple result types: repos, files, diffs, commits	✅	🚫
	Scope search to repo groups with search contexts	✅	✅
	Comprehensive search results: return all matches	✅	🚫 Limit 10 pages of results
	Search across code hosts simultaneously	✅	🚫
	Case-sensitive search	✅	🚫
	Search across repositories	✅	✅
	Symbol searching	✅ 75+ languages supported, see below	🟡 C#, Python, Go, Java, JavaScript, TypeScript, PHP, Protocol Buffers, Ruby, and Rust.
	Search across multiple code hosts	✅	🚫
Code Intelligence Code Intelligence provides advanced code navigation features that let developers explore source code. It displays rich metadata about functions, variables, and cross-references in the code.	Jump to definition	✅	✅
	Find references	✅	✅
	Precise code intelligence: LSIF support	✅ Support for Go, TS/JS, C/C++, Java, Scala, Kotlin, Rust (more to come) Supports any conforming LSIF indexer	🚫 (What they refer to as "precise" is not 100% accurate, like Sourcegraph's precise code intelligence)
	Search-based code intelligence	✅	✅

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Code Intelligence	Feature	Sourcegraph	GitHub Code Search
	Find implementations	✅ Support for Go (more to come)	🚫
	Cross-repository and cross-dependency navigation	✅ Currently experimental: Support for Go, Java, Scala, Kotlin, TS/JS (more to come)	🚫
Large-scale changes	Support for large scale code changes: refactoring, search and replace, and more	✅ Batch Changes	🚫
Insights	Transform code into a queryable database to create custom, visual dashboards to track migrations, vulnerabilities, versions, code health, adoption, ownership, and infinite customizable metrics	✅ Code Insights	🚫
	Automatically up-to-date tracking of all library, language, or infrastructure versions across all repositories	✅ Code Insights	🚫
	1-click drilldown into trends to see the commits, authors, and initiatives driving change	✅ Code Insights	🚫
	Backfills years of code development history to get trends and baselines the moment you set up a chart	✅ Code Insights	🚫
	Create shareable or privately-permissioned dashboards of charts	✅ Code Insights	🚫
	Realtime filter results to individual repos or groups of repos to dig in	✅ Code Insights	🚫
Alerting	Receive updates when specified changes occur	✅ Code monitors	🚫
API	GraphQL API	✅	🚫
Integrations Integrate with multiple code hosts to search all of your code.	GitHub	✅	✅
	GiLab	✅	🚫
	Bitbucket Cloud	✅	🚫
	Bitbucket Server	✅	🚫
	AWS CodeCommit	✅	🚫
	Gitolite	✅	🚫
	Other Git repository hosts	✅	🚫

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Extension support Enhance search results by connecting all your other tools to get things like test coverage, 1-click open file in editor, custom highlighting, and information from your other favorite services all in one place.	Codecov	✅	🚫
	Open with VS Code	✅	🚫
	Sentry	✅	🚫
	Datadog	✅	🚫
	LightStep	✅	🚫
	SonarQube	✅	🚫
	User-developed plugins	✅	🚫
	Browser (Chrome, Firefox, Safari) - enables Code Intelligence on your code hosts	✅	🟡
Availability	Generally available	✅	🚫 (Technical preview via waitlist)

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