



































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, forks, and archived repositories	✓	● All repositories and forks can be searched, but there are limitations on the code that is indexed. Only the default branch can be searched.
	Search across multiple code hosts	✓	⊘
	Multiple pattern types supported, including structural search	✓	●
	Multi-line search support	✓	⊘ Explicitly line-oriented
	Symbol searching	✓ 75+ languages supported	● C#, Python, Go, Java, JavaScript, TypeScript, PHP, Protocol Buffers, Ruby, and Rust
	Multiple result types, including repositories, files, diffs, and commits	✓	⊘
	Advanced diff search that allows devs to restrict query results to additions or removals	✓	⊘
	Case-sensitive search	✓	⊘
	Scope search to repository groups with search contexts	✓	✓
	Comprehensive search results in which all matches are returned	✓ 500 matches are returned by default and more matches can be added via the 'count' filter	⊘ Limit 10 pages of results
	Date and time filtering on commits	✓	⊘
	Understand usage and code structure with visual search aggregation charts embedded in the search results page	✓	⊘
	Truly precise code navigation via LSIF and SCIP (see code navigation section for details)	✓	⊘
Code navigation Advanced code navigation helps devs understand code and its dependencies. Uncover rich metadata	Jump to definition	✓	✓
	Find references	✓	✓

about functions, variables, and cross-references in the code	Feature	Sourcegraph	GitHub Code Search
	Precise code navigation: LSIF and SCIP support	 Support for Ruby, Rust, Go, Java, Scala, Kotlin, Python, TypeScript, JavaScript, C/C++ (partial support)	 (What GitHub refers to as “precise” is not 100% accurate, unlike Sourcegraph’s precise code navigation)
	Find implementations	 Support for Go (more to come)	
	Search-based code navigation	 40 languages	 10 languages
	Cross-repository and cross-dependency navigation	 Cross-repository is publicly available and cross-dependency is experimental. Support for Go, Java, Scala, Kotlin, TypeScript/JavaScript, Python (more to come)	
	Large-scale changes	Make large-scale code changes across many repositories and code hosts, and track the status of bulk codebase changes through visual dashboards and burndown charts	 Batch Changes
Insights	Transform code into a queryable database to create custom, visual dashboards to track migrations, vulnerabilities, versions, code health, adoption, ownership, and other metrics	 Code Insights	
Automatically up-to-date tracking of all library, language, or infrastructure versions across all repositories	 Code Insights		
1-click drill down into trends to see the commits, authors, and initiatives driving change	 Code Insights		
Create shareable or privately-permissioned dashboards of charts	 Code Insights		
Realtime filtering of results to individual repositories or groups of repositories to dig in	 Code Insights		

	Feature	Sourcegraph	GitHub Code Search
Alerting	Proactively monitor changes to your codebase	 Code monitors	 Code scanning for security alerts is available with an additional license through GitHub Advanced Security
API	GraphQL API		
	Command line interface (CLI)		
Integrations Integrate with multiple code hosts to search all of your code	GitHub		
	GitLab		
	Bitbucket		
	Perforce		
	Other Git-based code hosts		
Extensions	IDE extensions, including Visual Studio Code, JetBrains IDEs, Sublime Text, Atom, and Gitpod		
	Browser (Chrome, Firefox, Safari) extensions for code navigation in your code host		
Availability	Generally available		 (Technical preview via waitlist)

Note: The information above was sourced from [Sourcegraph docs](#) and GitHub Code Search's [FAQs](#), [webpage](#), and [blog](#).