

## Sourcegraph vs GitHub Code Search

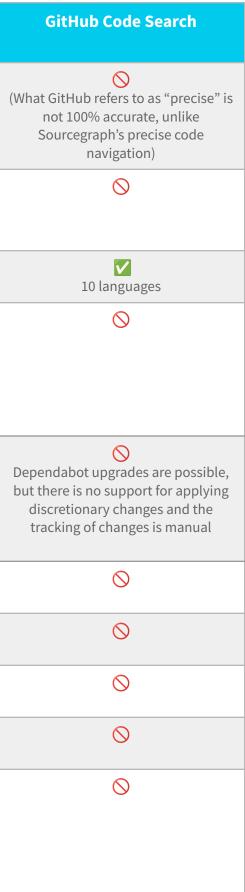
Category	Feature	Sourcegraph
<b>Search</b> Search code across all your repositories and code hosts	Comprehensive search across all repositories, branches, forks, and archived repositories	
	Search across multiple code hosts	
	Multiple pattern types supported, including structural search	
	Multi-line search support	
	Symbol searching	✓ 75+ languages supported
	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
	Date and time filtering on commits	$\checkmark$
	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	Jump to definition	
Advanced code navigation helps devs understand code and its dependencies. Uncover rich metadata	Find references	

## GitHub Code Search





about functions, variables, and cross-references in the code	Feature	Sourcegraph	
	Precise code navigation: LSIF and SCIP support	Support for Ruby, Rust, Go, Java, Scala, Kotlin, Python, TypeScript, JavaScript, C/C++ (partial support)	(
	Find implementations	Support for Go (more to come)	
	Search-based code navigation	40 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
ΑΡΙ	GraphQL API		$\otimes$
	Command line interface (CLI)		$\otimes$
<b>Integrations</b> Integrate with multiple code hosts to search all of your code	GitHub		
	GiLab		$\otimes$
	Bitbucket		$\otimes$
	Perforce		$\otimes$
	Other Git-based code hosts		$\otimes$
Extensions	IDE extensions, including Visual Studio Code, JetBrains IDEs, Sublime Text, Atom, and Gitpod		$\otimes$
	Browser (Chrome, Firefox, Safari) extensions for code navigation in your code host		0
Availability	Generally available		🚫 (Technical preview via waitlist)

Note: The information above was sourced from <u>Sourcegraph docs</u> and GitHub Code Search's <u>FAQs, webpage</u>, and <u>blog</u>.

