



JetBrains
Space

**Code Review
and Source Code
Management Functionality
Comparison**



JetBrains Space is a unified platform for the entire software development pipeline and team collaboration. Host Git repositories, review code, automate your CI/CD, store and publish packages, manage issues and documents, and communicate in chats – all in one place and integrated out of the box.

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Space integrates the **complete toolchain for the software development pipeline**, including:

- Source control hosting (Git)
- Code reviews with merge requests and quality gates
- Automation jobs for building and deploying applications
- Project management tools, checklists for planning, an issue tracker, and visual boards
- Package and container registries for publishing artifacts

To make your collaboration as effective as possible, Space seamlessly **combines the above with organizational and communication tools**, including:

- A team directory for managing the company's organizational structure
- Management of vacations, absences, and locations
- Chats, collaborative documents, and blogs
- Meeting management, personal calendars, and to-do lists for task management

Everything in one place

Get one platform with a complete software development, project management, and communication toolchain for your business.

Distractions minimized

Receive the information relevant to you, and eliminate distractions and context switching by managing all of your notifications in integrated chats.

Streamline collaboration

Remove silos between different teams and specialists by bringing the whole company together in a shared environment.

Extensible and customizable

Build integrations on top of a single platform, and automate business processes with Space, using a rich HTTP API, Webhooks, and a Client SDK.

Easy start up

Start projects quickly, and easily set up the whole infrastructure. A unified UI/UX ensures consistency and unification in all areas.

Native integration with IDEs

Connect your JetBrains IDE with Space to get all the power of the integrated collaborative solution inside your personal development environment.

Scales with your business

You can easily scale Space as your company grows and more teams join the platform. Space can be customized and extended to meet your exact needs.

Cost saving solution

Instead of paying for multiple solutions, get one platform to plan and collaborate on projects, manage teams, and develop software faster.

To learn more about Space, please visit our website at jetbrains.com/space

Why use Space for code reviews?

Collaborate on code more easily, create merge requests, and protect your main branch with custom quality gates.

Turn-based code reviews

Make the process of reviewing code crystal clear for both the author and the reviewer. Space makes it easy to understand who should take action.

Customizable quality gates

Protect your branch with conditions for merge requests – an automation job, a code owner's approval, or a check by an external CI service.

Support for various code review workflows

Review code in the branch before it's merged to the main branch or after merging commits. Space supports both workflows with ease.

First-class integration with JetBrains IDEs

Review and comment on code using the power of IDE navigation. Manage your merge requests and code reviews without leaving your IDE.

Chat-centric code reviews

Bundle your comments and discuss code changes in integrated chats. Minimize distractions by managing all of your notifications in one place.

Granular permissions

Manage access to your repository as a whole and set up flexible rules for working with branches. Restrict direct commits to any branch.

To learn more about code reviews in Space, please visit jb.gg/space-reviews

How Space compares to other code review tools

JetBrains has extensively researched various tools to come up with a useful comparison table. We tried to make it as comprehensive and objective as we could. As all the products mentioned in this document are being actively

developed and their functionality changes on a regular basis, this comparison applies to the specific versions available in Q3 of 2021.

Feature	Space	Upsource	GitHub Enterprise	GitLab Enterprise	Bitbucket (Server, Data Center)
Code review features					
Pull request/merge request support	✓	✓	✓	✓	✓
Per-commit review/review of random commits in the repository	✓	✓	×	×	×
Add watchers to reviews using @mentions	✓	✓	✓	✓	✓
Code review analytics	× (planned)	✓	✓	✓	×
Suggest reviewers based on history data	✓	✓	✓	×	×
Accumulated diff	✓	✓	✓	✓	✓
Code review labels/tags	× (planned)	✓	✓	✓	×
Discussion labels	×	✓	×	×	×
Resolvable discussions	✓	✓	✓	✓	✓
Progress tracking: read/unread files	✓	✓	✓	×	×
Server-side code analysis	×	✓	✓	✓	×
Lining issues to MR/PR/review	✓	✓	✓	✓	✓
Code review from IntelliJ-based IDEs	✓ (built-in Space plugin)	✓	✓	✓	✓

Feature	Space	Upsource	GitHub Enterprise	GitLab Enterprise	Bitbucket (Server, Data Center)
Source code management					
Built-in Git hosting	✓	×	✓	✓	✓
Quality gates for merge requests	✓		✓	✓	✓
Code owner support	✓		✓	✓	× (plugin)
Push rules/restrictions	✓		✓	✓	✓
Protected branches	✓		✓	✓	✓
Repository mirroring	✓		×	✓	× (plugin)
Repository webhooks	✓		✓	✓	✓
Git Large File Storage (LFS)	✓		✓	✓	✓
Repository/Code browsing					
Edit files and commit changes online	✓	×	✓	✓	✓
View commit status	✓	✓	✓	✓	✓
View and compare branches	✓	✓	✓	✓	✓
Branches list, branches graph	✓	✓	✓	✓	✓
Search (by commit, user, Git tag, etc.)	✓	✓	✓	✓	✓
Full-text search	✓	✓	✓	✓	✓
Cross-project search	×	✓	✓	✓	✓
Search for deleted files	×	✓	✓	✓	✓
Inline diff	✓	✓	✓	✓	✓
Side-by-side diff	✓	✓	✓	✓	✓
Blame/annotate view	✓	✓	✓	✓	✓
Navigate to file	✓	✓	✓	✓	✓
Commit activity/graph	✓	✓	✓	✓	× (plugin)

Feature	Space	Upsource	GitHub Enterprise	GitLab Enterprise	Bitbucket (Server, Data Center)
VCS supported					
VCS: Git	✓	✓	✓	✓	✓
VCS: Mercurial	×	✓	×	×	×
VCS: Subversion	×	✓	×	×	×
VCS: Perforce	×	✓	×	×	×
VCS: TFS	×	×	×	×	×
Collaboration on code reviews					
View/reply to code review comments inside chats	✓	×	×	×	×
Save comment drafts and submit them all at once	✓	×	✓	✓	×
Create comments to any commit	✓	✓	✓	✓	✓
Threaded discussions	✓	✓	✓	✓	✓
Comment multiple lines of code	✓ (coming soon)	✓	✓	×	✓
Comment on files	×	×	×	✓	×
Like/favorite comments	✓	✓	✓	✓	✓
News feed	✓	✓	✓	×	×
Notifications on @mention	✓	✓	✓	✓	✓

Feature	Space	Upsource	GitHub Enterprise	GitLab Enterprise	Bitbucket (Server, Data Center)
Administration					
On-premises installation	✓	✓	✓	✓	✓
Hosted version	✓		✓	✓	✓
Multiple server cluster	✓ (coming soon)	✓	✓	✓	✓
LDAP integration	✓	✓	✓	✓	✓
Granular permissions	✓	✓	✓	✓	✓
Per project permissions	✓	✓	✓	✓	✓
User management	✓	✓	✓	✓	×
Integrations					
Issue tracker	✓	✓	✓	✓	✓
CI	✓ (TeamCity)	✓	✓	✓	✓
IDE integration	✓ (built into IntelliJ IDEA)	✓	✓	✓	✓
Chats	✓ (built into Space chats)	×	✓ (GitHub + Slack)	✓ (GitLab + Slack)	✓ (Bitbucket Cloud + Slack)

Feature	Space	Upsource	GitHub Enterprise	GitLab Enterprise	Bitbucket (Server, Data Center)
Pricing	<p>Cloud:</p> <p>Free plan for unlimited users</p> <p>Team plan \$8 per active user/month</p> <p>Organization plan \$20 per active user/month</p> <p>Enterprise plan for \$99 per active user/month</p>	<p>Perpetual license + 1 year subscription:</p> <p>From \$1,300 for 25 users</p> <p>to \$21,000 for 1,000 users</p>	<p>Free plan for unlimited users</p> <p>Team plan \$4 per user/month</p> <p>Enterprise plan (cloud or on-premises) \$21 per user/month</p>	<p>Cloud and on-premises:</p> <p>Free plan for individual users</p> <p>Premium \$19 per user/month</p> <p>Ultimate \$99 per user/month</p>	<p>Cloud:</p> <p>free for up to 5 users, then from \$3 to \$6 per user/month</p> <p>Data Center (on-premises):</p> <p>from \$2,300 for 25 users/year, \$30,400 for 1,000 users/year</p>

Accuracy of comparison

We tried to make the table above as comprehensive and neutral as we possibly could. If you discover any inaccuracies, please contact us at sales@jetbrains.com and we'll update it as soon as possible.



Integration with JetBrains IDEs

Connect IntelliJ IDEA or any other IntelliJ-based IDE to Space to get access to your repositories, code reviews, Automation (CI builds), and packages.

The Space plugin is bundled in IntelliJ IDEA 2021.1+ and in PyCharm 2021.2+. You can install the plugin manually in our other IntelliJ-based IDEs.

With the Space IDE plugin you can:

- Clone Space Git project repositories right from your IDE.
- Perform code reviews with merge requests and discuss code snippets with your teammates right from your IDE.
- Mention team members and see related branches in code reviews.
- Easily edit Space Automation scripts in IntelliJ IDEA with code highlighting and automatic code completion.
- Track an Automation job's progress in the Git log.

Sales contacts

If you need assistance with managing your licenses, selecting a licensing option, taking advantage of a JetBrains offer, or if you have any special requests or suggestions for JetBrains tools, please do not hesitate to [contact us](#).

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