YouTrack

JetBrains YouTrack Comparison

YouTrack is an issue tracking tool by JetBrains. It is designed for development teams and serves as a one-stop shop for tracking daily tasks and bugs, planning sprints and releases, and managing agile projects.

Key benefits

Query-based issue search as an alternative to traditional issue filters.

Commands to quickly execute batch operations upon selected queries.

Customizable issue attributes.

Real-time Agile Boards.

Customizable workflow to define the lifecycle of your issues to reflect your process.

Multiple and shareable Dashboards.

Extensive keyboard support to easily create, edit, and navigate between issues with the keyboard.

To learn more about YouTrack, please check our website at **jetbrains.com/youtrack**

How YouTrack Compares to Other Issue Tracking Tools

JetBrains has extensively researched various tools to come up with this comparison table. We tried to make it comprehensive and as neutral as we possibly can. As all the products mentioned in the document are being actively developed and their functionality changes on a regular basis, we consider this comparison valid for the latest versions of each product available as of January, 2018.

This document compares JetBrains YouTrack vs. Atlassian Jira vs. Trello.

Functionality	YouTrack	Jira	Trello
Version	Cloud, Standalone	Cloud, Standalone	Cloud
Agile Board			
Board type	Preconfigured templates for Scrum, Kanban, Version-based, Personal and Custom board. Users can tune any settings anytime.	Preconfigured templates for Scrum and Kanban. users can tune the settings, but some of them are unavailable. For example, if a user creates a Kanban board, estimations will not be available even if a user wants to use Scrum and add estimations to the board.	Kanban
Settings	Board settings are available right on the Board. This is very convenient if a user wants to change something really quickly, such as columns.	No board settings on the board. Users have to go to the settings page (it takes time to configure the board and then go back to the board to check the updates. If something is wrong, the user has to go back to the settings page).	Settings are available on the board, but there are few of them, mostly for permissions management.

Functionality	YouTrack	Jira	Trello
Agile Board			
Query on the board	The board can be configured either by a query or manually. Issues can be added to the sprint automatically based on custom fields (for example, link sprints to custom field).	The board is configured by JQL query, so that issues that match this filter are automatically added to the board. Users can also manually add issues to the Board.	—
Columns	Users can add any custom columns and move them around. If there are too many columns on the board, they can be merged.	Users can change/add columns, but can only choose from existing statuses.	Users can add/change columns and move them around.
Merge columns	✓ Users can put cards with different states or other values into one column.	✕	✕
Swimlanes	YouTrack lets you use the set of values in a custom field or select specific types of issues to identify each swimlane. Swimlanes are identified by the value or the issues field.	Based on query, stories, assignees, epics, or projects.	✕
Quick filters	✕	✓	✕
Search	✓	No quick search right on the board.	✓
Estimations	Several types of custom fields can be used for estimation including integer, period (time), and float. There are several estimation types: story points, ideal days/hours, issue count, and time.	There are several estimation types: story point, issue count, account, and original time estimate.	Due date
Issue fields	Admins can add any custom fields right from the board.	Issues are defined by default fields.	General issue fields

Functionality	YouTrack	Jira	Trello
Agile Board			
Backlog	✓ Available from the board.	✓ But not available from the board.	✕
	Backlogs are saved searches, meaning that users can create any backlog they want. Different backlogs are available from the dropdown.	Sprints are created in the backlog, not on the board.	
	Users can edit issues, move them around, create a treeview, and add issues from a backlog directly to the board by dragging them.	Backlog is an independent entity, issues can be created there, added there, can be moved around there.	
	Issues can be assigned to various sprints from the backlog.	Users can manually move issues to specific sprints that were created in the backlog. Users can add tags, epics, prioritize the backlog, etc. This is called a "plan mode".	
	Users can use search queries to sort out any issues.	Quick filters to filter the backlog. Users can search for issues using JQL.	
Projects on board	Users can change the number of projects on the Board any time.	When the board is created, the only way to add a new project is to edit the filter for the Board.	✕
Sprints	Sprints are available on the board. There are several sprint options available on the board. Users can manually assign issues to sprints, automatically add new issues to sprint, and link prints to a custom field.	No sprint options. Completed sprints are not visible from the board.	✕
Charts on board	Burndown and Cumulative flow.	No charts on board.	✕

Functionality	YouTrack	Jira	Trello
Agile Board			
Level of details	4 level of details and 2 views (TV and general).	1 detailed view	1 detailed view
Live update	✓	✕	✕
Drafts	Users can create multiple drafts on the Board.	✕	
Commands	✓ Useful commands save a lot of time while working on the board. For example, type: Major Assignee Carry.Parker to set major priority and reassign the selected tasks to Carry Parker.	✕	✕
Conclusion	The board is really flexible and customizable. Most settings can be changed anytime by the administrator right from the Board. Handy features like commands, search, etc. let users quickly modify the issues on the board.	The board is customizable but limited to Jira's default values.	The board is just a list of issues divided into different columns.
Import			
	One-click Jira import. Python library for other trackers.	Custom imports from other trackers.	It's possible to import from some trackers (like Jira) via plugins.

Functionality	YouTrack	Jira	Trello
Pricing			
	InCloud. Annual or monthly billing per user. 1-3 users are free forever. 4-100 users start at just US$4.16 per user per month (annual billing). The discount increases according to the number of users. Standalone. Free for 10 users. $500 per 25 users for a new license +1 year of free updates and technical support. Discount packages plans available for larger numbers of users. Extended subscription packages are available with a further discount.	The Cloud Standard plan starts at US$7 and the Premium at US$14 per user per month. Self-managed is US$10 for 10 users and $3500 for 25 users. More plans available.	Business Class plan at US$9.99 per user per month annually. Enterprise plan starting at US$20.83 per user per month.
Trial	InCloud. 1-3 users are free forever. A 14-day trial is free. Standalone. Free for 10 users forever. A 60-day trial is available free for 10,000 users.	7-day free cloud trial. 30-day free trial for a self-hosted server.	✕
Free version	InCloud is free for 1-3 users. Standalone is free for 10 users. Free for open-source projects and education. 50% off for startups.	Free plan for 1-10 cloud users.	✓

Functionality	YouTrack	Jira	Trello
Working with issues			
Search	Simple smart search, applicable to any user. Also, YouTrack provides query completion in the search box to help you choose appropriate keywords and values.	Jira has its own query language called JQL, which provides for a complex search and takes a long time to learn.	There is no issue list.
Drafts	Multiple issue drafts on the board and in the issue list.	✕	✕
Similar issues	YouTrack suggests a list of similar issues matching the text in your summary and description.	✕	✕
Saved search	Saved search is available right in the search box.	It's possible to save a search as a filter, and find it later in the filters tab.	✕
Editing images	Image Editor is available from issue screen.	✕	✕
Reporting issues via Rest API	✓	✓	✕
Issue modification from the issue list	4 levels of view are available. It is possible to edit issue fields, comment the issue, and attach files right from the list.	2 levels of view are available. It is possible to edit the issue from the issue list, but users have to do some additional actions (for example, separately open an issue to reassign it).	✕
Commands	✓	✕	✓
Custom field values	Admins can edit custom field values from anywhere in YouTrack.	✕	✕

Functionality	YouTrack	Jira	Trello
Time tracking			
Estimation	✓	✓	Via plugins
Spent time	✓	✓	See above
Type of work done	User can choose and customize the types of work (development, QA, etc.)	✕	✕
Adds-on	✕	✓	✓
IDE time tracking plugin	YouTrack has a native time-tracking plugin to track time directly from an IDE.		✕
Burndown	YouTrack displays the burndown based on the estimation and spent time in actual hours. The burndown settings are customizable.	✓	Via plugin
Cumulative flow	✓	✓	Via plugin
Reports			
	There are 18 report types in YouTrack. Reports are divided into categories such as issue distribution, timeline, time management (including Gantt Chart), and state transition.	Jira has add-ons for reports, and native reports, such as: burndown, control chart, cumulative flow, epic burndown, epic report, release burndown, sprint report, velocity chart, and version report.	Via plugin
Dashboard			
Multiple	✓	✓	✕
Shareable	✓	✓	✕
Personal	✓	✓	✕
Widgets	✓	✓	✕

Functionality	YouTrack	Jira	Trello
Workflows			
Workflow editor	Workflows in YouTrack let you customize and automate the lifecycle of issues in your project. YouTrack has several workflows by default. Users can write new workflows in any IDE that supports JavaScript, pack it into a ZIP file and upload it to YouTrack. It is also possible to write workflows in a built-in web-based workflow editor. For example, if a user has the same set of tasks for the release, he/she can create a custom workflow and turn it on each time the release is coming. The set of issues will be automatically added to the project, already predefined with the assignees, fields, etc.	A Jira workflow is the set of statuses and transitions that an issue goes through during its lifecycle. Has a visual representation of workflow editor. Jira ships with a built-in workflow called jira, which is the default system workflow. It cannot be edited, but a user can clone this workflow and quickly start creating their own. Jira administrators can configure triggers in Jira workflows that respond to events in the linked development tools.	✕
Projects			
Type	Scrum, Kanban, or Custom. For each project the boards are created depending on the type of the project. For example, for Scrum, two boards are created: project management board and a project development board. The issues there are connected, which makes it easier to follow the process.	Software: Scrum, Kanban, or Custom. Business: Project, Task, or Process.	✕
Priorities by project	✓	✕	
Notifications			
Notification based on saved search	✓	✕	✕

Functionality	YouTrack	Jira	Trello
Other			
Plugin for IDE	YouTrack has a native plugin to manage issues right from an IDE: use commands, manage issues offline, track time, and more.	Jira has IDE plugins which are limited in their functionality.	✓
Releases	✕	Has a release tab to monitor the progress of the version.	✕
Custom field			
	All issue fields are custom fields. In addition to the fields that are predefined, users can define their own custom fields. A user can add any values to the custom fields. Custom field values can be added either from the admin settings, or anywhere else in YouTrack.	Users can add new custom fields. Custom fields are defined by project.	✕
Conditional custom fields	✓	✓	✕
Integrations			
	YouTrack has integrations with JetBrains products, Teamcity and Upsource, via Hub (also a free JetBrains product), various JetBrains IDEs, GitHub, GitLab, and Bitbucket. IT also integrates with test management tools such as TestRail, TestLink, PractiTest, and TestLodge. Several plugins for time tracking can be also integrated with YouTrack. YouTrack has mailbox integration, which makes it viable as a helpdesk.	Jira has a marketplace of add-ons for various kind of integrations. It has a native integration for Atlassian products (Confluence, Bamboo, etc.).	There are a lot of plugins for various functionality.

Functionality	YouTrack	Jira	Trello
Project and access management			
	User access in YouTrack is defined on per-project basis by the roles that are assigned to the user. A role is a set of permissions that allow users to perform particular operations in YouTrack. Permissions are only granted by assigning roles, not directly.	Permissions are managed per project. There are groups and roles, and permissions can be granted to users directly.	Permissions are managed per board.

Accuracy of Comparison

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

Integration with JetBrains Tools

YouTrack is a part of JetBrains Team Tools stack, which also includes TeamCity, a Continuous Integration and Continuous Delivery tool, and Upsource, a code-review and analysis tool. Team tools are integrated via Hub, a permission and user management tool, which ensures single sign-on to all the products and allows for unified user and permission management.

To learn more about how JetBrains team tools work together, please check our website at **jetbrains.com/hub**.

Sales Contacts

If you need assistance with managing your licenses, selecting a licensing option, requesting assistance with a JetBrains offer, or any special request or suggestion for JetBrains tools, please do not hesitate to **contact us**.

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