

# JIRA Software 7.4.x release notes



This JIRA release will reach its end of life on June 29, 2019. See [End of life policy](#).

**29 June 2017**

The Atlassian JIRA Software team is proud to announce the release of **JIRA Software 7.4**.

The JIRA Software development team has been working closely with our product managers, researchers and designers to build what we believe will provide the most value to our customers. In this release, our top features include:

- the ability to enable the extended project administrator permission on a per project basis,
- extending the project administrator permission to include editing screens,
- a Backlog view for your Kanban board, and
- an improved issue export experience.

This isn't all we've done, we've also made a few minor tweaks, [listed below](#), and we've been busy fixing bugs to improve the overall experience with JIRA Software.

We believe we've been working on the right things to improve the JIRA Software experience for our full customer base. Of course we can't do that without your comments and suggestions, so please feel free to send them [directly to us](#) in our JIRA instance.

Hope you enjoy JIRA Software 7.4!

Warren Thompson,

JIRA Software technical writer

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## Compatible applications

If you're looking for compatible JIRA applications, look no further:

- [JIRA Core 7.4 release notes](#)
- [JIRA Service Desk 3.6 release notes](#)
- [JIRA Service Desk 3.7 release notes](#)

## Project level administration

In JIRA Software 7.3, we allowed project administrators to edit their project's workflows under specific conditions. Now, we've added more fine-grained control to the **Administrator**

**Projects** permission, and added a few more perks for the project administrator. When granted, the **Extended project administration** permission will allow project administrators for the associated projects to:

- [Edit the project's workflow, expand to see the restrictions](#)
- [Edit the project's screens, expand to see the restrictions](#)

The **Extended project administration** option is enabled by default. If you're a JIRA administrator, you can disable it by selecting > **Issues** > **Permission schemes**, and then choosing the relevant permission scheme to edit. Project and JIRA administrators can also view the Extended project administration setting when they're viewing their project by selecting **Project settings** > **Permissions**, however the JIRA administrator can't edit the setting here.

## Introducing the Kanban backlog

We've implemented the ability to create a Kanban backlog that displays on a separate screen to your Kanban board. This frees up your Kanban board from the weight of a lengthy To Do list, and

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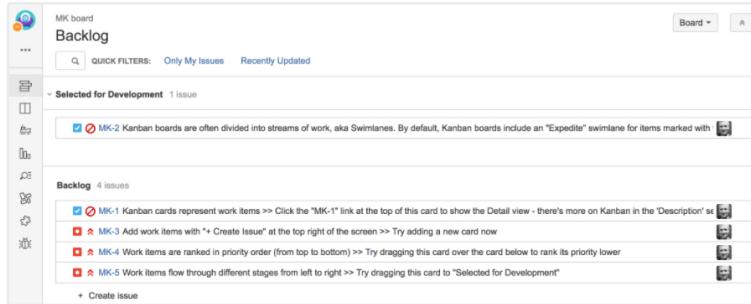
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## Still need help?

The Atlassian Community is here for you.

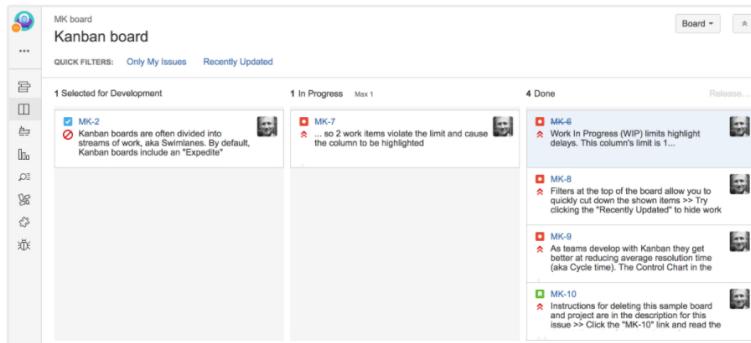
[Ask the community](#)

your Kanban board. This keeps up your Kanban board with the weight of a backlog to do list, and gives you separate areas for planning and for working. In the Backlog view, you'll be able to drag issues from your backlog to an area that's defined as the first column in your board. In the example below, which uses the default Kanban project, that column is defined as **Selected for Development**, and appears at the top of the Backlog view.



The screenshot shows the JIRA Backlog view for the 'MK board'. At the top, there are filters for 'QUICK FILTERS: Only My Issues' and 'Recently Updated'. Below the header, there is a section titled 'Selected for Development' containing one issue: MK-2. A note explains that Kanban boards are often divided into streams of work, aka Swinlanes. The 'Backlog' section contains four issues: MK-1, MK-3, MK-4, and MK-5. A note says these items represent work items and are ranked by priority. At the bottom, there is a '+ Create issue' button.

Note that in the example above, issue MK-2 is in the **Selected for Development** area of the Backlog view. In the example below, which displays your Kanban board view, issue MK-2 is in the **Selected for Development** column.



The screenshot shows the JIRA Kanban board view for the 'MK board'. The board has three columns: 'Selected for Development', 'In Progress', and 'Done'. The 'Selected for Development' column contains one issue: MK-2. A note explains that Kanban boards are often divided into streams of work, aka Swinlanes. The 'In Progress' column contains two issues: MK-7 and MK-8. A note says so 2 work items violate the limit and cause the column to be highlighted. The 'Done' column contains two issues: MK-6 and MK-10. A note says Work In Progress (WIP) limits highlight delays. This column's limit is 1... The 'In Progress' column also contains MK-9. A note says As teams develop with Kanban they get better at reducing average resolution time (aka Cycle time). The Control Chart in the

If you're a board administrator, you can turn on the Kanban backlog by accessing your standard Kanban board and selecting **Board** > **Configure > Columns**. There you'll see instructions on how to set up your Kanban backlog, and how to disable it if it's not something your team wants to use.

## Improvements to issue export

We've implemented an exporter which exports JIRA issues in an HTML format. When viewing a list of issues, select **Export** > **HTML (All fields)** or **Export** > **HTML (Current fields)**. If required, a JIRA administrator can disable the HTML export option by setting the **jira.export.html.enabled** property to **false** at **System > Advanced Settings**.

Given that the HTML export can be quite memory intensive in large JIRA Software instances, we've also added two additional properties to the **Advanced Settings** page. These properties allow a JIRA administrator to control the default number of search results allowed to be exported by a user (**jira.search.views.default.max**) and the absolute maximum number of search results allowed to be exported (**jira.search.views.max.limit**). This allows an admin to prevent users from attempting to export a large number of results, which could result in performance problems with your instance.

## In-app notifications

We've implemented a system add-on which provides targeted notifications within your JIRA Software instance, predominantly to JIRA administrators. These notifications will alert you when new JIRA versions are available, and of upcoming license renewals. The in-app notifications are delivered by a system add-on, and can be controlled by selecting **Add-ons > Manage add-ons**, and then filtering for **Atlassian Notifications**. We actually shipped this in JIRA Software 7.3.8, but we're just making sure you know about it. You may even be reading these release notes because you've been directed here by an in-app notification.

## More improvements

We've added a few smaller enhancements, all designed to make the user and admin experiences a little easier and more efficient:

- We've continued to work on the zero downtime upgrade experience for our JIRA Software Data Center customers, and made it possible to upgrade between any compatible JIRA

Software Data Center version using zero downtime upgrades.

- The "Shared by" lozenge **SHARED BY 4 PROJECTS** has now been replaced with a "Used by" lozenge **USED BY 70 PROJECTS**.
- We've improved navigation around editing workflows and introduced the draft mode that allows you to easily quit editing if you don't want to publish your changes. Also, you can now edit your workflows in the Workflows section of the Projects settings instead of going to each issue type.
- We've added more events to the audit log that allow admins to view changes to their project's workflows and screens, so they'll know who changed what, and where, if they ever need to roll back a project's settings.
- We've improved the garbage collection logs, and they're now generated automatically, you'll be able to find them in your logs at <installation-directory>/logs.
- We've improved our error and problem reporting for JIRA Software installations and upgrades to make it more informational, added details on possible resolutions, and links to more information.

## Resolved issues

### Issues resolved in 7.4.0

Released on 29 June 2017

#### Performance issues

We've noticed that this version has performance issues and shows errors while opening pages or finishing some actions. This applies only if you're using **postgreSQL** and have **more than 500k users**. To work around it, increase the heap size by 1GB per million users. We'll release a fix for this in the next bugfix release.

We've noticed that JIRA is having problems with displaying arrows to reorder your subtasks. If you're using this way to manage your issues, read more about the problem and a workaround here:

 [JRASERVER-65542](#) - Reorder sub-tasks buttons are missing **CLOSED**

T	Key	Summary	Status
	JRASERVER-20177	Missing Jira Software REST API docs since version 7.3.2	<b>CLOSED</b>
	JRASERVER-16558	Typo In Installing Jira On Linux Documentation Referencing Windows service	<b>CLOSED</b>
	JRASERVER-15999	Screenshot in JIRA Server Doc for Kanban backlog shows Versions panel which is currently only available in JIRA Cloud	<b>CLOSED</b>
	JRASERVER-15823	Users that had their usernames renamed after a cache flush event will not be able to log into other nodes	<b>CLOSED</b>
	JRASERVER-15723	JIRA Software Server has no current documentation on deleting a sprint	<b>CLOSED</b>
	JRASERVER-15511	Workflow Trigger creation fails when Bitbucket Server is on SSL with security constraint configured to redirect HTTP requests to HTTPS	<b>CLOSED</b>
	JRASERVER-15319	JIRA Software backlog throws "Uncaught TypeError: Cannot read property 'loadIssue' of null" when backlog icon is clicked multiple times	<b>CLOSED</b>
	JRASERVER-15236	Kanban Backlog (Kanplan) for JIRA Software Server	<b>CLOSED</b>
	JRASERVER-15172	Request for documentation to be updated regarding Issue Status section in project summary page	<b>CLOSED</b>
	JRASERVER-10587	I want to directly jump to the issues that prevent a sprint from closing	<b>CLOSED</b>

Showing 10 out of 59 issues

### Issues resolved in 7.4.1

Released on 11 July 2017

### Performance issues

We've noticed that this version has performance issues and shows errors while opening pages or finishing some actions. This applies only if you're using **postgreSQL** and have **more than 500k users**. To work around it, increase the heap size by 1GB per million users. We'll release a fix for this in the next bugfix release.

T	Key	Summary	Status
	JSWSERVER-11849	Error rendering 'gh-sprint' shown for Sprint field	CLOSED
	JRASERVER-65556	Add date and time to export file names	CLOSED
	JRASERVER-65542	Reorder sub-tasks buttons are missing	CLOSED
	JRASERVER-64823	Importing a csv-file with a due date is not possible as a project admin	CLOSED
	JRASERVER-64809	CSV import can create sub-tasks without parents	CLOSED
	JRASERVER-63363	Logs spammed with Thread Corrupted! error with no ill effects in the UI	CLOSED

6 issues

### Issues resolved in 7.4.2

Released on 31 July 2017

### Performance issues

We've noticed that this version has performance issues and shows errors while opening pages or finishing some actions. This applies only if you're using **postgreSQL** and have **more than 500k users**. To work around it, increase the heap size by 1GB per million users. We'll release a fix for this in the next bugfix release.

T	Key	Summary	Status
	JRASERVER-66624	XSS through the orderby parameter in the issue search resource - CVE-2017-16864	CLOSED
	JRASERVER-66195	XSS Vulnerability in JIRA Issue Export	CLOSED
	JRASERVER-66005	The bundled Atlassian Activity Streams plugin had Improper Access control inside several rest inline action resource resource - CVE-2017-9506	CLOSED
	JRASERVER-65655	Fix corrupted index during startup	CLOSED
	JRASERVER-65591	Duplicate package 'javax.inject' in JIRA installation folder	CLOSED
	JRASERVER-65523	Valid Confluence page links cause error logs when anonymous users access the page	CLOSED
	JRASERVER-65507	Frequent error in logs from com.atlassian.jira.event.mau	CLOSED
	JRASERVER-65462	JIRA license check doesn't skip activeUsersCountForLicense cache for Unlimited Users	CLOSED
	JRASERVER-65321	As an JIRA Datacenter Administrator I want check Lucene status and consistency	CLOSED
	JRASERVER-65249	Searching for a Confluence page when creating a new issue link fails to display all spaces	CLOSED

Showing 10 out of 24 issues

### Issues resolved in 7.4.3

Released on 22 August 2017

This release includes a renaming of the **Support Tools Plugin** to **Atlassian Troubleshooting and Support Tool**. We've also renamed the **Troubleshooting and Support** menu item in the **System** left-hand sidebar to **System Support**.

T	Key	Summary	Status
●	JSWSERVER-15949	Having a Large Amount of Custom Fields Causes Long Load Times for Board Configuration	CLOSED
●	JRASERVER-66425	Ship JIRA with ATST plugin	CLOSED
●	JRASERVER-66005	The bundled Atlassian Activity Streams plugin had Improper Access control inside several rest inline action resource resource - CVE-2017-9506	CLOSED
●	JRASERVER-65577	Created vs Resolved gadget doesn't show expected data when the 'Display the Trend of Unresolved' option is enabled	CLOSED
●	JRASERVER-65057	JIRA Assignee dropdown doesn't return expected number of assignable users.	CLOSED
●	JRASERVER-64810	JIM JSON import autoescapes fields such as projectName	CLOSED
●	JRASERVER-63636	Unable to import from Trello to a fresh JIRA instance (IndexOutOfBoundsException)	CLOSED
●	JRASERVER-63374	Editing Project Details Removes Project Category	CLOSED
●	JRASERVER-62989	Project category value changes to 'None' when a project admin edits Name or Description or Avatar	CLOSED
●	JRASERVER-62500	Multiple concurrent login attempts may throw a 500 error/UserNotFoundException due to a race condition	CLOSED

Showing 10 out of 11 issues

## Issues resolved in 7.4.4

Released on 4 September 2017

This release includes the following additional languages for JIRA Software:

- Czech
- Estonian
- Danish
- Icelandic
- Norwegian
- Romanian
- Slovak
- Polish

T	Key	Summary	Status
●	JSWSERVER-15874	Issue ranking operation fails to save new rank due to slow DB operation in MySQL and MS-SQL	CLOSED
●	JRASERVER-66719	XSS in the IncomingMailServers resource through the messagesThreshold parameter - CVE-2017-18039	CLOSED
●	JRASERVER-66005	The bundled Atlassian Activity Streams plugin had Improper Access control inside several rest inline action resource resource - CVE-2017-9506	CLOSED
●	JRASERVER-65823	Performance regression on Postgres with large user base	CLOSED
●	JRASERVER-65652	Pasting screenshot or image on Assign Dialog does not render image	CLOSED
●	JRASERVER-65151	Attaching an Image to an issue in a Transition screen results in Unable to render embedded object	CLOSED
●	JRASERVER-64366	After an issue is created, clicking on Assign and pasting a screenshot to the comment will fail with 'Unable to render embedded object' error	CLOSED
●	JRASERVER-60778	Unable to edit a component to set a user with uppercase characters in their username as Component Lead	CLOSED

8 issues

## Issues resolved in 7.4.5

Released on 25 October 2017

T	Key	Summary
	JSWSERVER-15050	Where's my field missing from admin drop down
	JRASERVER-66133	CachingTaggingAvatarStore.getByldTagged performs unnecessary deletion from the cache
	JRASERVER-66053	Loading values into version picker on basic issue search is very slow
	JRASERVER-65792	Users able to access JIRA while Lock re-index is occurring
	JRASERVER-59939	FixVersion and AffectVersion JQL is slow on large instances

5 issues

## Issues resolved in 7.4.6

Released on 16 January 2018

T	Key	Summary
	JRASERVER-66292	Lock starvation for mail handlers using the same mailbox
	JRASERVER-66158	Reopening IndexReader may lead to memory leak
	JRASERVER-64325	Jira fails to start due to duplicate job IDs in the clusteredjob table
	JRASERVER-63137	JVM instability at one node affects whole JIRA datacenter cluster

4 issues

Last modified on Jan 4, 2019

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