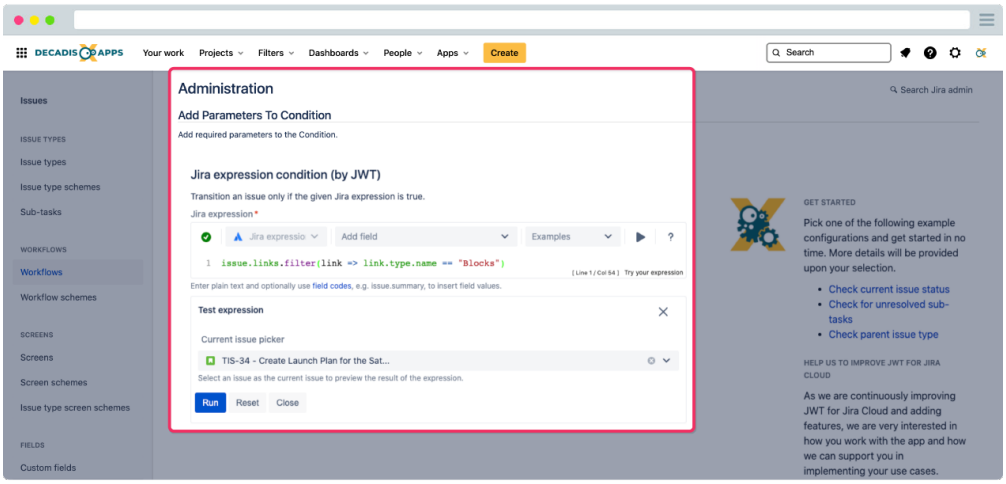
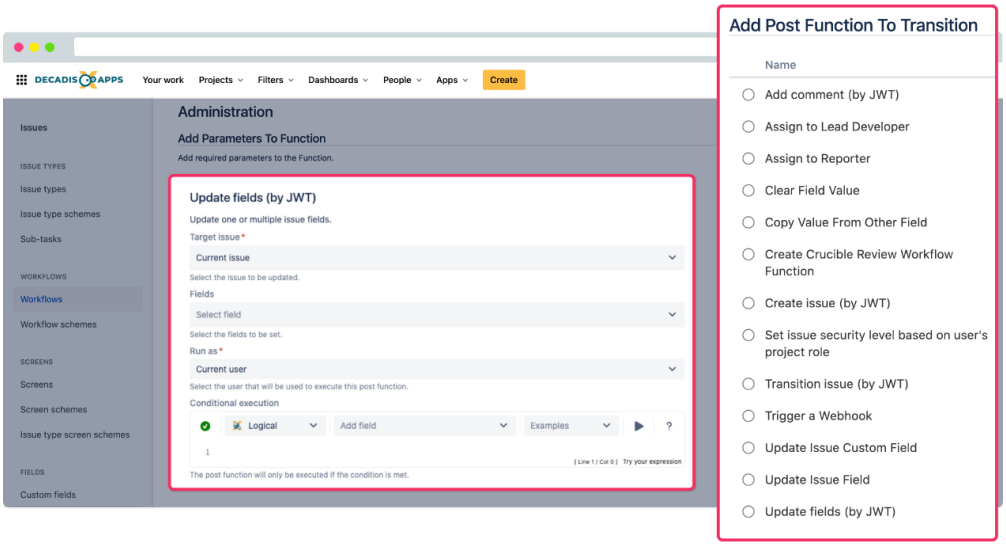
Highlights

Turn ideas into workflows / Workflow functions

JWT for Jira Cloud massively extends the native workflow functionality available in Jira Cloud by offering custom conditions, validators, and post functions. Focusing on an essential, highly versatile set of workflow functions to shape workflows according to your needs and solve even complex requirements.

- Control the availability of transitions - use extremely powerful Jira expressions to enforce a predefined issue state before or while transitioning issues - from matching field values to a maximum number of linked issues.
- Automate repetitive or manual tasks - spend less time and increase consistency while creating, transitioning, and updating issues and issue fields with dedicated JWT post functions - no matter if you prefer JWT or Jira expressions. We support both!
- Increase flexibility while reducing manual overhead - meet advanced requirements using conditional logic in post functions to only automate certain actions if the timing is right.

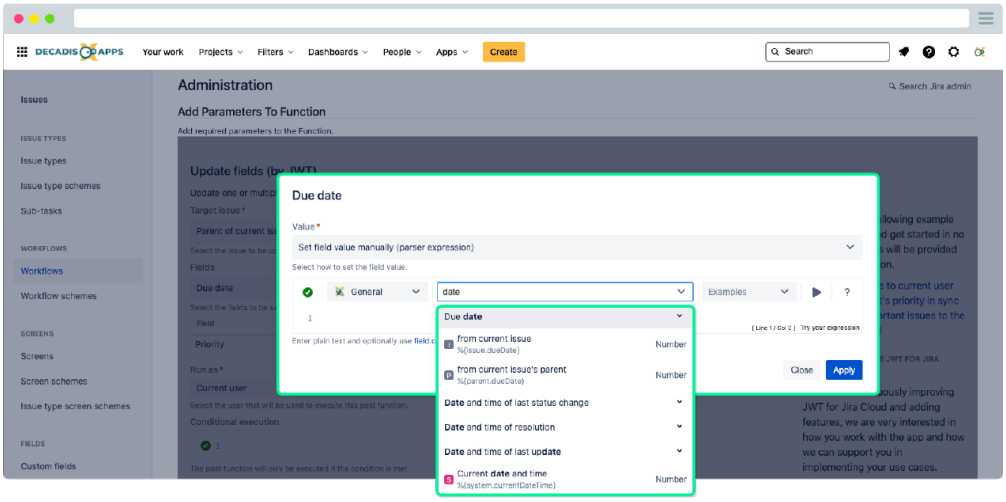




All the power, one parser / Expression parser & field codes

JWT for Jira Cloud ships with a powerful expression parser providing a constantly growing number of built-in functions. Instead of writing and maintaining scripts, use easy-to-read and well-documented functions like subtask() or count() and robust field codes make accessing and processing any issue data a breeze.

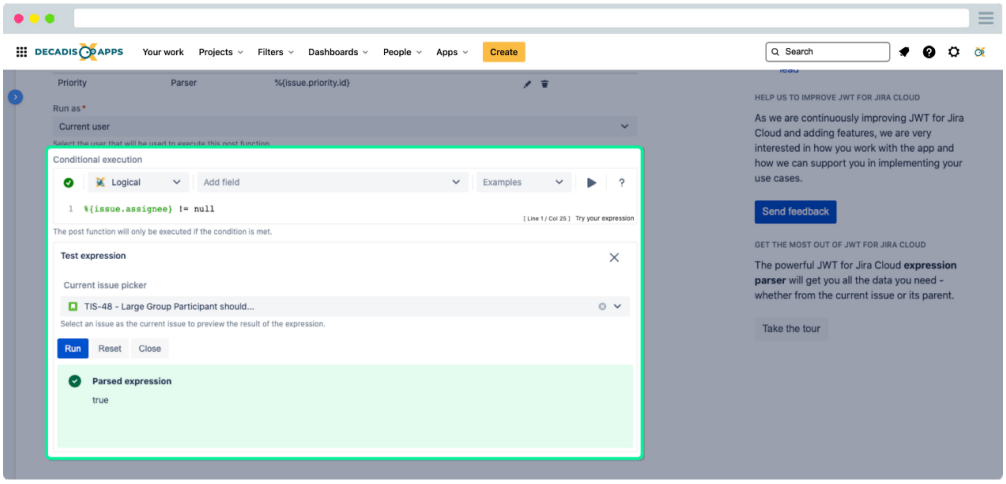
- Easily access all issue data - every issue field is just a click in a dropdown menu away.
- Access even more data - field codes and parser functions let you retrieve essential data which is not directly accessible through the UI - from historic field values to the number of linked issues.
- Change happens, be prepared - the JWT field codes make fields, and your expressions, immune to field name updates.

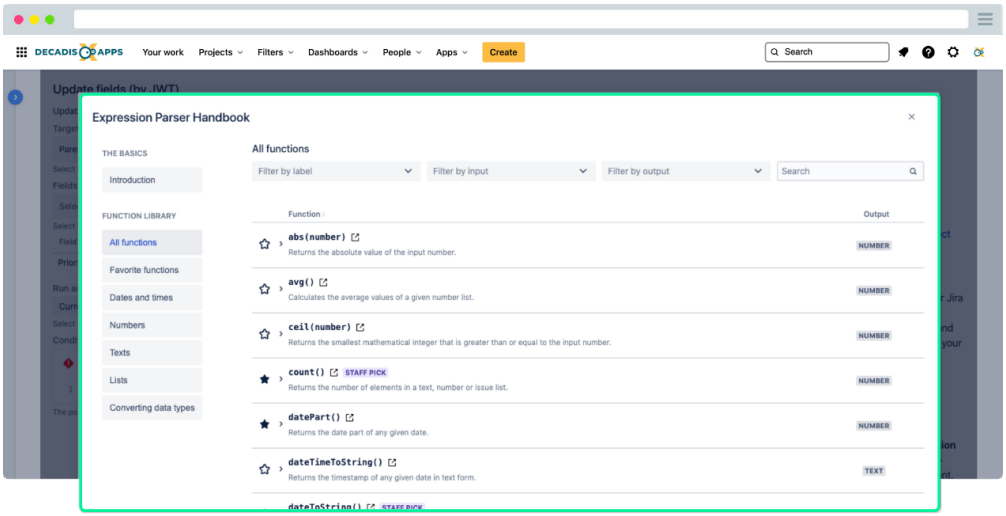


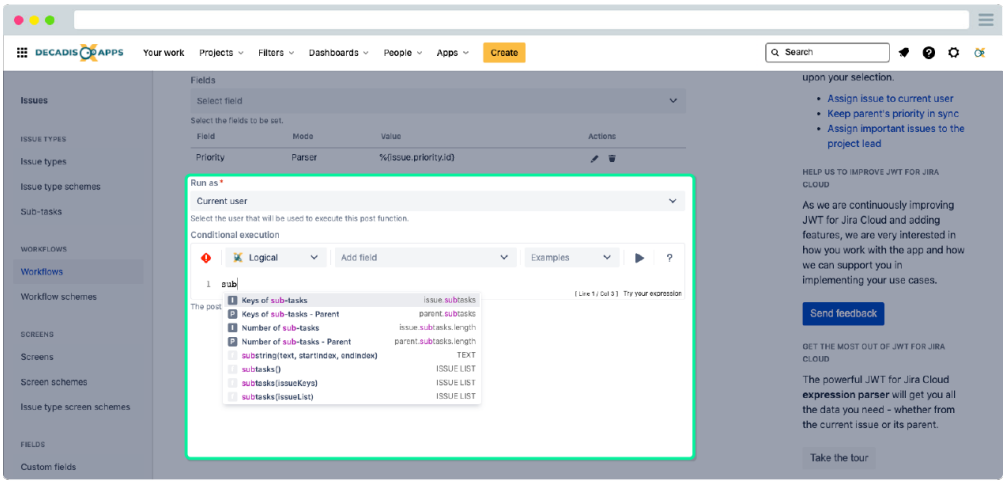
All control in a single place / Expression editor

The JWT expression editor is your control center for managing Jira and JWT expressions. It detects what you want to achieve, from setting values to configuring complex conditional executions, and lets you test your expressions in a central location.

- Pick the right field - depending on what you are configuring, JWT injects the right field code at the right time into your expression.
- Live testing - validate your expression against any issue and preview the output in real-time.
- Get help when you need it - explore all available parser functions, and use the in-app handbook to copy and paste or mark them as favorites.
- Be a parser hero - use the auto-complete function to speed up composing your expressions.


DECADIS APPS
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
Priority
Parser
%{issue.priority.id}
Run as *
Current user
Conditional execution
Logical
Add field
Examples
1 %{issue.assignee} != null
[Line 1 / Col 25] Try your expression
The post function will only be executed if the condition is met.
Test expression
Current issue picker
TIS-48 - Large Group Participant should...
Select an issue as the current issue to preview the result of the expression.
Run
Reset
Close
Parsed expression
true
HELP US TO IMPROVE JWT FOR JIRA CLOUD
As we are continuously improving JWT for Jira Cloud and adding features, we are very interested in how you work with the app and how we can support you in implementing your use cases.
Send feedback
GET THE MOST OUT OF JWT FOR JIRA CLOUD
The powerful JWT for Jira Cloud expression parser will get you all the data you need - whether from the current issue or its parent.
Take the tour


DECADIS APPS
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
Update fields (by JWT)
Expression Parser Handbook
THE BASICS
Introduction
FUNCTION LIBRARY
All functions
Favorite functions
Dates and times
Numbers
Texts
Lists
Converting data types
All functions
Filter by label
Filter by input
Filter by output
Search
Function
Output
abs(number)
Returns the absolute value of the input number.
NUMBER
avg()
Calculates the average values of a given number list.
NUMBER
ceil(number)
Returns the smallest mathematical integer that is greater than or equal to the input number.
NUMBER
count()
STAFF PICK
Returns the number of elements in a text, number or issue list.
NUMBER
datePart()
Returns the date part of any given date.
NUMBER
dateTimeToString()
Returns the timestamp of any given date in text form.
TEXT


DECADIS APPS
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
Issues
ISSUE TYPES
Issue types
Issue type schemes
Sub-tasks
WORKFLOWS
Workflows
Workflow schemes
SCREENS
Screens
Screen schemes
Issue type screen schemes
FIELDS
Custom fields
Fields
Select field
Select the fields to be set.
Field
Mode
Value
Actions
Priority
Parser
%{issue.priority.id}
Run as *
Current user
Select the user that will be used to execute this post function.
Conditional execution
Logical
Add field
Examples
1 sub
[Line 1 / Col 3] Try your expression
Keys of sub-tasks
issue.subtasks
Keys of sub-tasks - Parent
parent.subtasks
Number of sub-tasks
issue.subtasks.length
Number of sub-tasks - Parent
parent.subtasks.length
substring(text, startIndex, endIndex)
TEXT
subtasks()
ISSUE LIST
subtasks(issueKeys)
ISSUE LIST
subtasks(issueList)
ISSUE LIST
upon your selection.
Assign issue to current user
Keep parent's priority in sync
Assign important issues to the project lead
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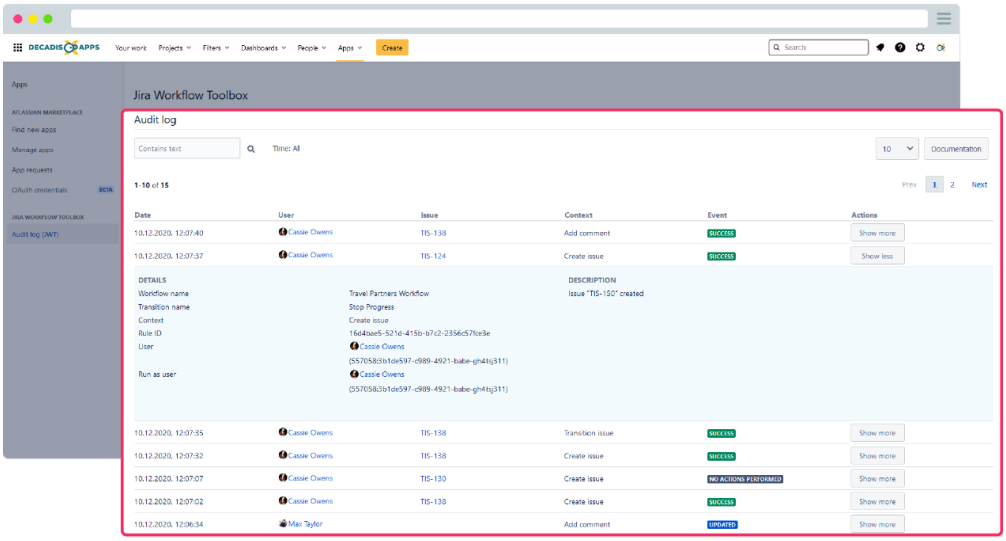
Stay on top of your workflows / Audit Log

Do you know what's going on in your workflows and how your JWT workflow customizations are performing? Can you identify potential problems before a larger number of users are affected? JWT for Jira Cloud's Audit Log provides you with exactly that kind of important information.

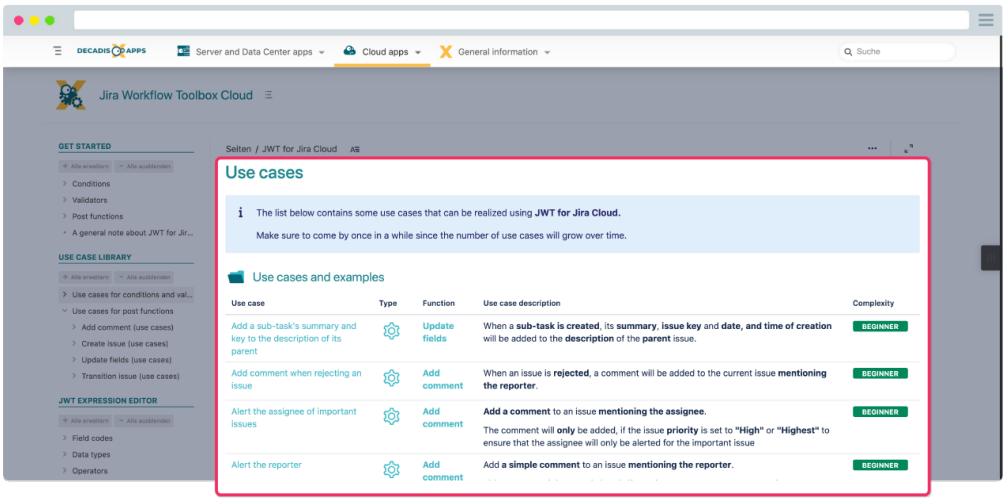
- **Get the big picture** - access, search, and filter all information related to your JWT workflow customizations in a central location.
- **Faster troubleshooting** - if things go wrong, access details about the location and the result and workflow errors, including the affected user.
- **Easier tracking of changes** - spot which users have configured new workflow customizations or updated existing ones in a glance.

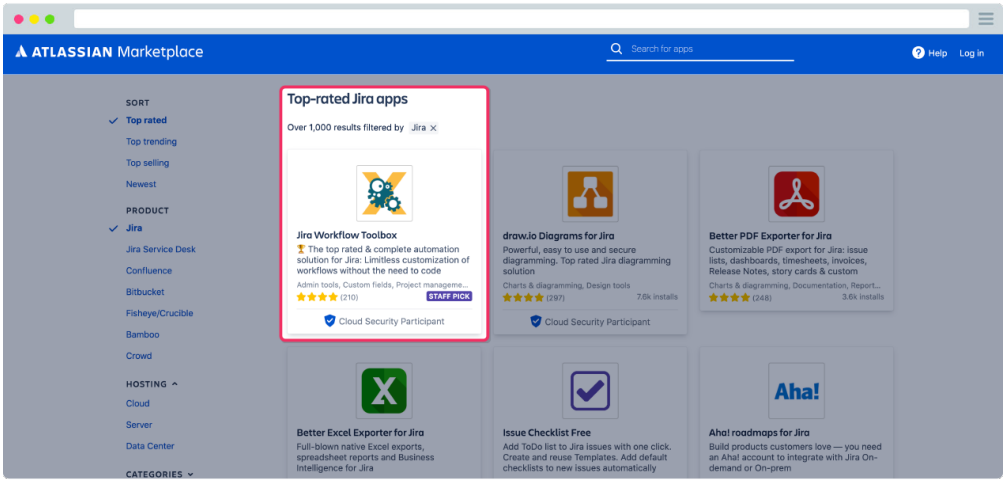


Our commitment beyond the app

JWT for Jira Cloud has been designed for Jira users of all experience levels. The user-centric approach focuses on providing a lean, intuitive interface with all in-depth information being just a click away.
But there is more to it than just the app.

- Benefit from extensive documentation and growing use case collection.
- Our highly trained team is well-known across the ecosystem for providing first-class, multilingual support, just in case you need it.
- We love challenges - if you have a problem, simply reach out to us directly via the app configuration, our Service Desk or the Atlassian Community.


DECADIS APPS
Server and Data Center apps
Cloud apps
General information
Suche
Jira Workflow Toolbox Cloud
GET STARTED
Conditions
Validators
Post functions
A general note about JWT for Jir...
USE CASE LIBRARY
Use cases for conditions and val...
Use cases for post functions
Add comment (use cases)
Create issue (use cases)
Update fields (use cases)
Transition issue (use cases)
JWT EXPRESSION EDITOR
Field codes
Data types
Operators
Seiten / JWT for Jira Cloud
Use cases
The list below contains some use cases that can be realized using JWT for Jira Cloud.
Make sure to come by once in a while since the number of use cases will grow over time.
Use cases and examples
Use case
Type
Function
Use case description
Complexity
Add a sub-task's summary and key to the description of its parent
Update fields
When a sub-task is created, its summary, issue key and date, and time of creation will be added to the description of the parent issue.
BEGINNER
Add comment when rejecting an issue
Add comment
When an issue is rejected, a comment will be added to the current issue mentioning the reporter.
BEGINNER
Alert the assignee of important issues
Add comment
Add a comment to an issue mentioning the assignee.
The comment will only be added, if the issue priority is set to "High" or "Highest" to ensure that the assignee will only be alerted for the important issue
BEGINNER
Alert the reporter
Add comment
Add a simple comment to an issue mentioning the reporter.
BEGINNER


ATLASSIAN Marketplace
Search for apps
Help
Log in
SORT
Top rated
Top trending
Top selling
Newest
PRODUCT
Jira
Jira Service Desk
Confluence
Bitbucket
Fisheye/Crucible
Bamboo
Crowd
HOSTING
Cloud
Server
Data Center
CATEGORIES
Top-rated Jira apps
Over 1,000 results filtered by Jira
Jira Workflow Toolbox
The top rated & complete automation solution for Jira: Limitless customization of workflows without the need to code
Admin tools, Custom fields, Project manageme...
(210)
STAFF PICK
Cloud Security Participant
draw.io Diagrams for Jira
Powerful, easy to use and secure diagramming. Top rated Jira diagramming solution
Charts & diagramming, Design tools
(297)
7.6k installs
Cloud Security Participant
Better PDF Exporter for Jira
Customizable PDF export for Jira: issue lists, dashboards, timesheets, invoices, Release Notes, story cards & custom
Charts & diagramming, Documentation, Report...
(248)
3.6k installs
Better Excel Exporter for Jira
Full-blown native Excel exports, spreadsheet reports and Business Intelligence for Jira
Issue Checklist Free
Add ToDo list to Jira issues with one click. Create and reuse Templates. Add default checklists to new issues automatically
Aha!
Aha! roadmaps for Jira
Build products customers love — you need an Aha! account to integrate with Jira On-demand or On-prem