

11 Jira Queries (JQL)

I've been using for
last three years.

Basic JQLs (WITH EXAMPLES)



Sanjog Sigdel  #AtlassianCreator

Jira Query Language

Jira Query Language (JQL) is a powerful query language used to search and filter issues in Atlassian's issue tracking and project management software, Jira.

The screenshot shows the Jira search interface with a blue header bar containing a search bar labeled "Search Jira". Below the header, there are tabs for "Jira", "Confluence", "Compass", "Atlas", and "Trello", with "Jira" being the active tab. The main content area is divided into several sections:

- RECENTLY VIEWED:** A list of recent issues with icons and titles:
 - BNP-7 Implement Social Login
 - ACLCS-4 Having issue in production
 - ACLCS-2 Request to onboard Sanjog Pharmacy
 - BNP-4 Implement Login Feature
 - BNP-6 Implement Food Ordering System
 - ACLCS-3 Onboard X pharmacy
 - BNP-3 Create a Food Delivery App
 - BNP-1 ACE Banepa/Kavre Third MeetUp
 - BNP-2 Brainstorm Ideas for third ACE Event
 - ACLCS-1 Client Onboarding of Avant Pharmacy
- RECENT BOARDS, PROJECTS, FILTERS AND PLANS:** A list of recent boards and projects:
 - ACL Banepa Combined Project
 - ACL SANJOG plan
 - ACEBANEPA board
 - Z1 board
 - ACE Banepa (BNP)
 - ACL Customer Support (ACLCS)
 - ZTEST-1 (Z1)
 - ACL Banepa Combined Project
- LAST UPDATED:** Filter options for the last time period:
 - Any time
 - Today
 - Yesterday
 - Past 7 days
 - Past 30 days
 - Past year
- FILTER BY PROJECT:** Filter options for projects:
 - ACE Banepa
 - ACL Customer Support
 - trudy claspill software c...[Show more](#)
- FILTER BY ASSIGNEE:** Filter options for assignees:
 - Sanjog Sigdel
 - Trudy Claspill
 - Alex Koxaras[Show more](#)
- FILTER BY REPORTER:** Filter option for reporter:
 - Reported by me

At the bottom of the interface, there are links for "Go to all: Boards", "Projects", "Filters", "Plans", and "People", and a "Give feedback" button. A footer bar at the very bottom contains a search bar with the placeholder "View all issues" and a small "Help" icon.

Jira Query Language

Some Examples First Issues Created by Sanjog

Projects / ACE Banepa

Issues

⌘ AI reporter = Sanjog Sigdel

Type	Key	Summary	Reporter
BUG	BNP-7	Implement Social Login	Sanjog Sigdel
BUG	BNP-6	Implement Food Ordering System	Sanjog Sigdel
BUG	BNP-5	Implement Search Functionality	Sanjog Sigdel
BUG	BNP-4	Implement Login Feature	Sanjog Sigdel
INFO	BNP-3	Create a Food Delivery App	Sanjog Sigdel
INFO	BNP-2	Brainstorm Ideas for third ACE Event	Sanjog Sigdel
BUG	BNP-1	ACE Banepa/Kavre Third MeetUp	Sanjog Sigdel
INFO	ACLCS-3	Onboard X pharmacy	Sanjog Sigdel
INFO	ACLCS-1	Client Onboarding of Avant Pharmacy	Sanjog Sigdel



Sanjog Sigdel



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Jira Query Language

Issue Created on 14th April 2024 in a Project

Issues

Share Export issues Go to

AI project = "ACE Banepa" AND created >= "2024/04/14" AND created < "2024/04/15"

Type	Key	Summary	Created
<input checked="" type="checkbox"/>	BNP-2	Brainstorm Ideas for third ACE Event	Created • Sort oldest → new Apr 14, 2024
<input type="checkbox"/>	BNP-1	ACE Banepa/Kavre Third MeetUp	Apr 14, 2024

Use Case:

Search for Tickets created on a particular day. Add reporter or Assignee to get a specific result.



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Jira Query Language

Issue Created in last 30, 60,90, days or a year

* AI `createdDate >= startOfYear()`   

* AI `created >= "-30d"`   

* AI `created >= "2022/01/01" and created < "2023/03/31"`   

Use Case:

**There are multiple functions like
StartOfWeek(), StartofMonth(),
EndOfMonth() and more which you can
explore**



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Jira Query Language

Issues in current sprint which are not yet assigned to developers

A screenshot of a Jira search interface. The search bar contains the query: "project = BNP AND Sprint in openSprints() AND assignee = EMPTY". Below the search bar is a table with three rows, each representing a Jira ticket. The columns are Type, Key, Summary, and Assignee. All three tickets listed are unassigned.

Type	Key	Summary	Assignee
bug	BNP-7	Implement Social Login	Unassigned
task	BNP-2	Brainstorm Ideas for third ACE Event	Unassigned
task	BNP-1	ACE Banepa/Kavre Third MeetUp	Unassigned

Use Case:

Before a Sprint you can check tickets not having Assignee, Story Points, Description and Acceptance Criteria



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Jira Query Language

Issues in current sprint which are assigned to a particular user

The screenshot shows a Jira search interface with the following query: Project = BNP and sprint = 298 AND Assignee in(Sanjog Sigdel). The results table has columns: Type, Key, Summary, and Assignee. There are three entries:

Type	Key	Summary	Assignee
BUG	BNP-7	Implement Social Login	Sanjog Sigdel
Task	BNP-2	Brainstorm Ideas for third ACE Event	Sanjog Sigdel
Story	BNP-1	ACE Banepa/Kavre Third MeetUp	Sanjog Sigdel

Use Case:

Add another user name after Sanjog Sigdel with a comma and you will see tickets assigned to multiple users.

You can also use Team, and Component to list the tickets



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Jira Query Language

High Priority Bug Created in last X Days

* AI issuetype in("Bug") AND priority = Highest and createdDate >="-3d" ⌂ ? Q

Summary	Assignee	Created
Critical Production Login Issue, User is not able to login via Google Signin	 Sanjog Sigdel	May 1, 2024

Use Case:

Add Status and check it that has been resolved or not.

* AI issuetype in("Bug") AND priority = Highest and Status != Done and createdDate >="-3d" ⌂ ? Q

Now go have a chat with your Project Manager and the user assigned to understand why was the ticket not prioritized?



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Jira Query Language

High Priority Tickets your team solved in different time period, say Q1, and Q3

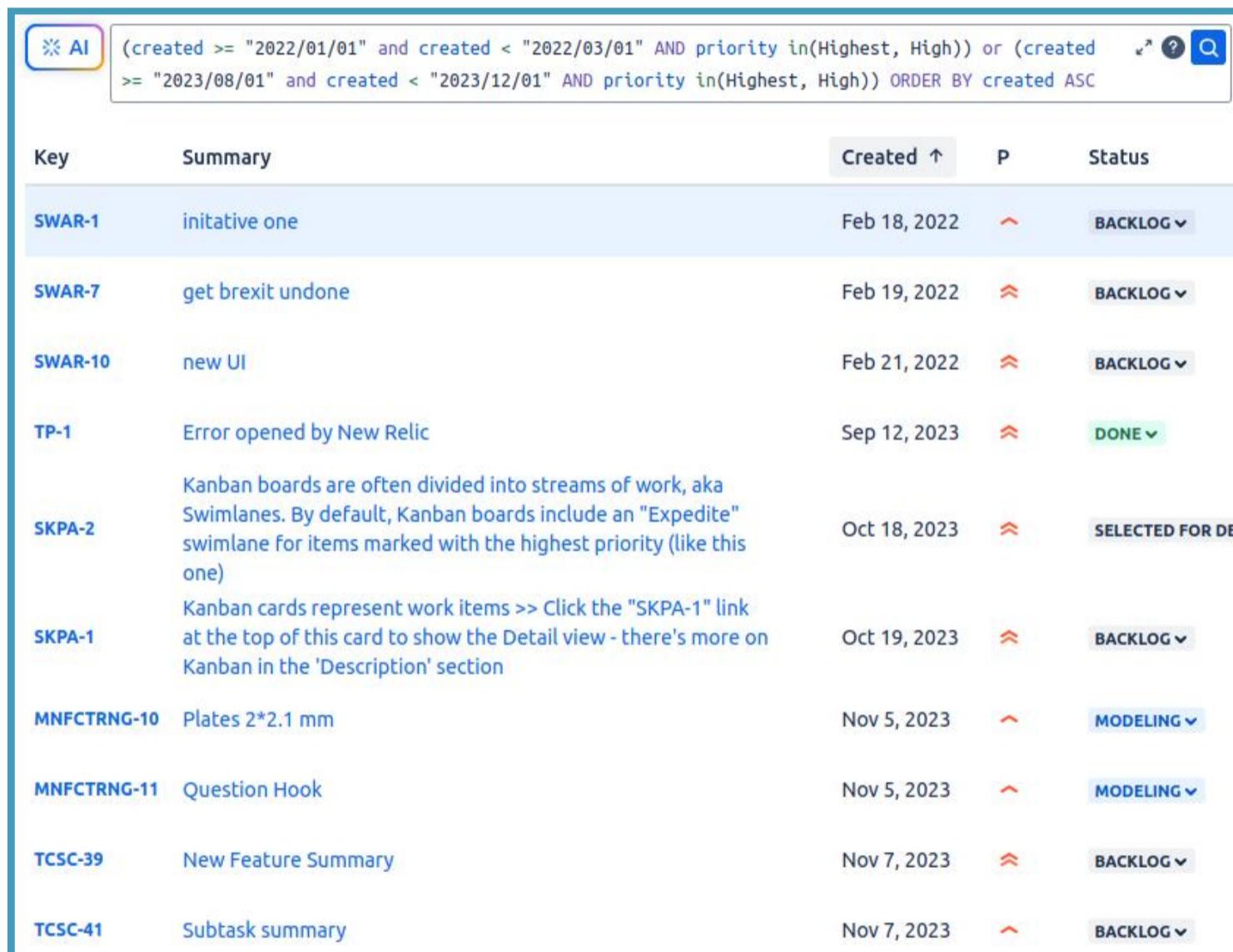
<code>(created >= "2022/01/01" and created < "2022/03/01" AND priority in(Highest, High)) or (created >= "2023/08/01" and created < "2023/12/01" AND priority in(Highest, High)) ORDER BY created ASC</code>				
Key	Summary	Created ↑	P	Status
SWAR-1	initiative one	Feb 18, 2022	↗	BACKLOG ↴
SWAR-7	get brexit undone	Feb 19, 2022	↗	BACKLOG ↴
SWAR-10	new UI	Feb 21, 2022	↗	BACKLOG ↴
TP-1	Error opened by New Relic	Sep 12, 2023	↗	DONE ↴
SKPA-2	Kanban boards are often divided into streams of work, aka Swimlanes. By default, Kanban boards include an "Expedite" swimlane for items marked with the highest priority (like this one)	Oct 18, 2023	↗	SELECTED FOR DE
SKPA-1	Kanban cards represent work items >> Click the "SKPA-1" link at the top of this card to show the Detail view - there's more on Kanban in the 'Description' section	Oct 19, 2023	↗	BACKLOG ↴
MNFCTRNG-10	Plates 2*2.1 mm	Nov 5, 2023	↗	MODELING ↴
MNFCTRNG-11	Question Hook	Nov 5, 2023	↗	MODELING ↴
TCSC-39	New Feature Summary	Nov 7, 2023	↗	BACKLOG ↴
TCSC-41	Subtask summary	Nov 7, 2023	↗	BACKLOG ↴

Use Case:

You can use this query to fetch tickets from a discontinuous time frame and add additional conditions

Jira Query Language

High Priority Tickets your team solved in different time period, say Q1, and Q3



The screenshot shows a Jira search interface with the following query in the search bar:

```
(created >= "2022/01/01" and created < "2022/03/01" AND priority in(Highest, High)) or (created >= "2023/08/01" and created < "2023/12/01" AND priority in(Highest, High)) ORDER BY created ASC
```

The results table has columns: Key, Summary, Created, P, and Status.

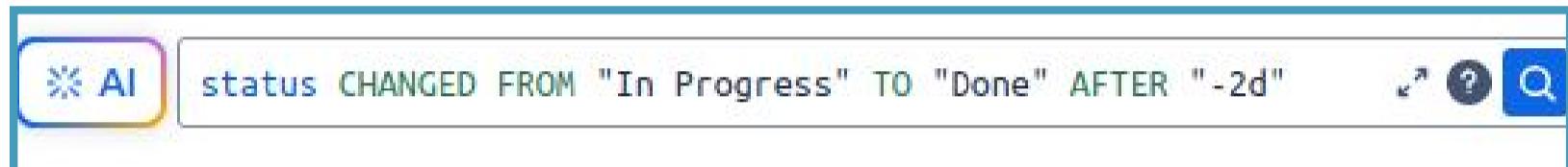
Key	Summary	Created	P	Status
SWAR-1	initiative one	Feb 18, 2022	↗	BACKLOG ↴
SWAR-7	get brexit undone	Feb 19, 2022	↗	BACKLOG ↴
SWAR-10	new UI	Feb 21, 2022	↗	BACKLOG ↴
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SKPA-1	Kanban cards represent work items >> Click the "SKPA-1" link at the top of this card to show the Detail view - there's more on Kanban in the 'Description' section	Oct 19, 2023	↗	BACKLOG ↴
MNFCTRNG-10	Plates 2*2.1 mm	Nov 5, 2023	↗	MODELING ↴
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TCSC-39	New Feature Summary	Nov 7, 2023	↗	BACKLOG ↴
TCSC-41	Subtask summary	Nov 7, 2023	↗	BACKLOG ↴

Use Case:

You can use this query to fetch tickets from a discontinuous time frame and add additional conditions

Jira Query Language

Tickets whose status changed from In Progress To Done in last two days



Use Case:

Your Sprint ends today and you want to keep a track of how many tickets were completed in the last moment.

Can be a useful metric for Sprint Retrospective



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Jira Query Language

Ticket is in To Do Status but hasn't been updated since last two days



Use Case:

As a Project Manager, you can observe if your team is taking accountability of the tickets that has been assigned to them.

Or it could be that developer has started one ticket and is working on it. Developer is yet to pick that ticket and will be picked once current high priority ticket gets completed.



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Jira Query Language

Fetch Tickets from multiple projects under a domain/organization.

Issues Apps ▾ Share ▾ Export issues ▾ List

project IN ("ACE Banepa", "ACL SANJOG")

Type	Key	Summary	Assignee
BUG	BNP-7	Implement Social Login	Unassigned
BUG	BNP-6	Implement Food Ordering System	Sanjog Sigdel
BUG	BNP-5	Implement Search Functionality	Sanjog Sigdel
BUG	BNP-4	Implement Login Feature	Sanjog Sigdel
BUSN	BNP-3	Create a Food Delivery App	Sanjog Sigdel
INFO	BNP-2	Brainstorm Ideas for third ACE Event	Unassigned
INFO	BNP-1	ACE Banepa/Kavre Third MeetUp	Unassigned

Use Case:
Selects tickets from multiple projects and apply all of the previous use cases



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Comment a use
case and I will write
the Jira Query for
you

Follow and hit the 



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