

Let's build an MCP Server for our on premise Jira Instance



Admin-Track



Sven Sieverding

Copilot
Community
Conference

Admin-Track



<https://github.com/365knoten/MCPJira>



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Blog: <https://www.365knoten.de/>



Admin-Track

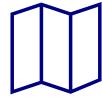
team neusta



1.300 + Employees



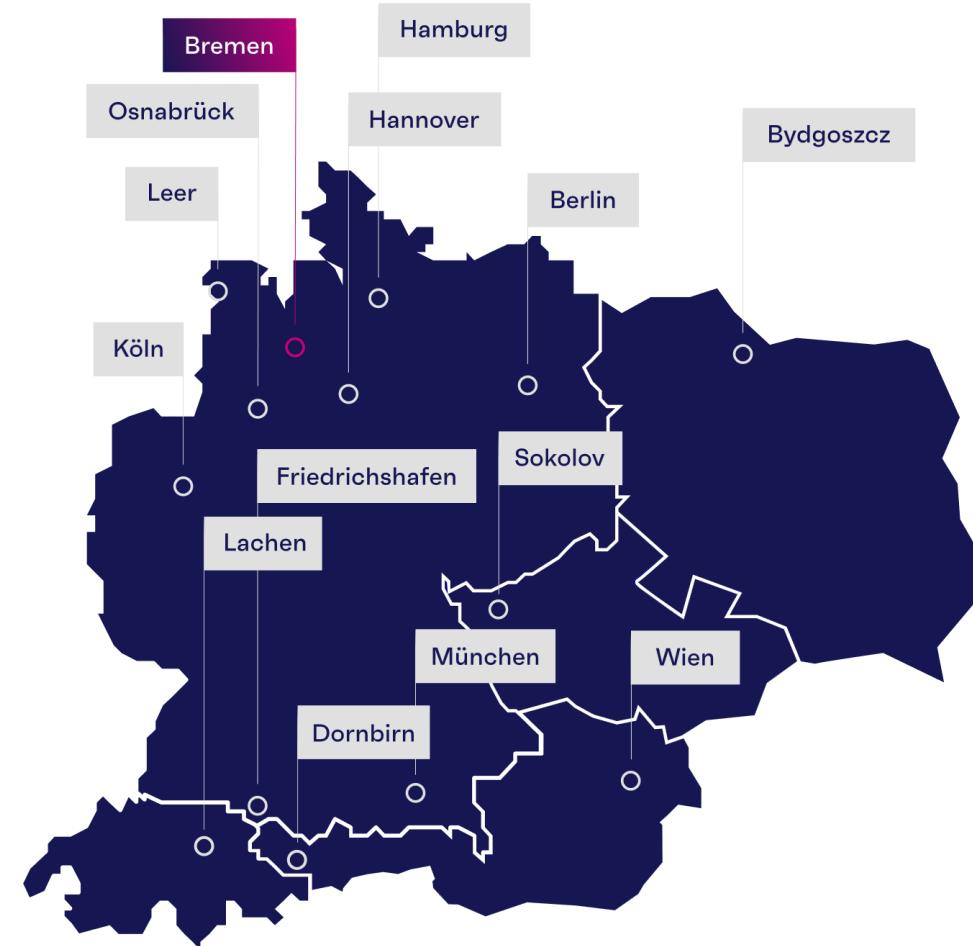
Founded in 1993



DACH Region



28 Companies





JIRA



Admin-Track



Backlog



QUICK FILTERS:

Only My Issues

Recently Updated

Mars Landing! 6 issues



Start Sprint

 TIS-1 Spaceship tracker app updates

8.0 Mars Landing

 TIS-2 Verify the landing site TIS-3 Enter the landing trajectory into the landing module

Mars Landing 1

 TIS-4 Send the pre-landing report to Earth

Mars Landing 1

 TIS-5 Cleanup the landing site

Mars Landing 2

 TIS-6 Hire the team

Mars Landing 5

+ Create issue

6 issues Estimate: 9

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Backlog 5 issues

Create Sprint

 TIS-10 Complete ignition tests TIS-11 Prepare for the Saturn Shoot

Saturn Shoot

 TIS-12 Design a new rocket

Saturn Shoot

 TIS-13 Get Hubble working again

Space Exploration

 TIS-14 Research the Space Exploration project

Space Exploration

+ Create issue



Teams in Space / TIS-1

Spaceship tracker app updates



Details

Status: TO DO (View)Priority: MediumComponent/s: SpaceshipLabels: rocket satellite

Affects Version/s: None

Fix Version/s: 8.0

Epic Link: Mars Landing



People

Reporter:

Assignee:

Assign to me



Dates

Created: 40 minutes ago

Updated: 2 minutes ago



Description

Click to add description



Comments

There are no comments yet on this issue





Admin-Track

Filter by title

Jira Cloud

Setup

Troubleshooting

> Jira Data Center

> Coda Enterprise

> CSV

> Egnyte

> Enterprise websites Cloud

> Enterprise websites on-premises

> File Share

> GitHub

> GitLab (preview)

> Gong (preview)

> Google Drive

Download PDF

… / Set up prebuilt connectors /

 Ask Learn Focus mode

⋮

In this article

Capabilities

Limitations

Prerequisites

Get started

Custom setup

Troubleshooting

Atlassian Jira Cloud Copilot connector

05/21/2025

The Atlassian Jira Cloud Microsoft 365 Copilot connector allows your organization to index Jira issues. After you configure the connector and index content from the Jira site, end users can search for those items in Microsoft Search and Microsoft 365 Copilot.

This article is for Microsoft 365 administrators or anyone who configures, runs, and monitors an Atlassian Jira Cloud Copilot connector.

 **Important**

The Atlassian Jira Cloud Copilot connector supports **only Jira cloud-hosted instances**. Jira Server and Jira Data Center versions are **not supported** by this connector.

ter by title

Jira Data Center

Setup

> Coda Enterprise

> CSV

> Egnyte

> Enterprise websites Cloud

> Enterprise websites on-premises

> File Share

> GitHub

> GitLab (preview)

> Gong (preview)

> Google Drive

> Guru

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… / Set up prebuilt connectors /

 Ask Learn Focus mode

⋮

In this article

Capabilities

Prerequisites

Get started

Custom Setup

Review and test your connector

Troubleshooting

Atlassian Jira Data Center Microsoft 365 Copilot connector (preview)

08/15/2025

The Jira Data Center Microsoft 365 Copilot connector enables your organization to index Jira Data Center issues and related data, making them easily discoverable and actionable within the Microsoft 365 ecosystem.

This article is intended for Microsoft 365 administrators who are responsible for configuring, running, and monitoring the Jira Data Center Microsoft 365 Copilot connector. It supplements the general instructions provided in [Set up Microsoft 365 Copilot connectors in the Microsoft 365 admin center](#).

 Note

Cool, aber

Stuff to do:

- Identitäten Mappen
- SSO konfigurieren
- Was passiert mit unseren Guest Users
- Will das jede der Tochter-Companies?
-



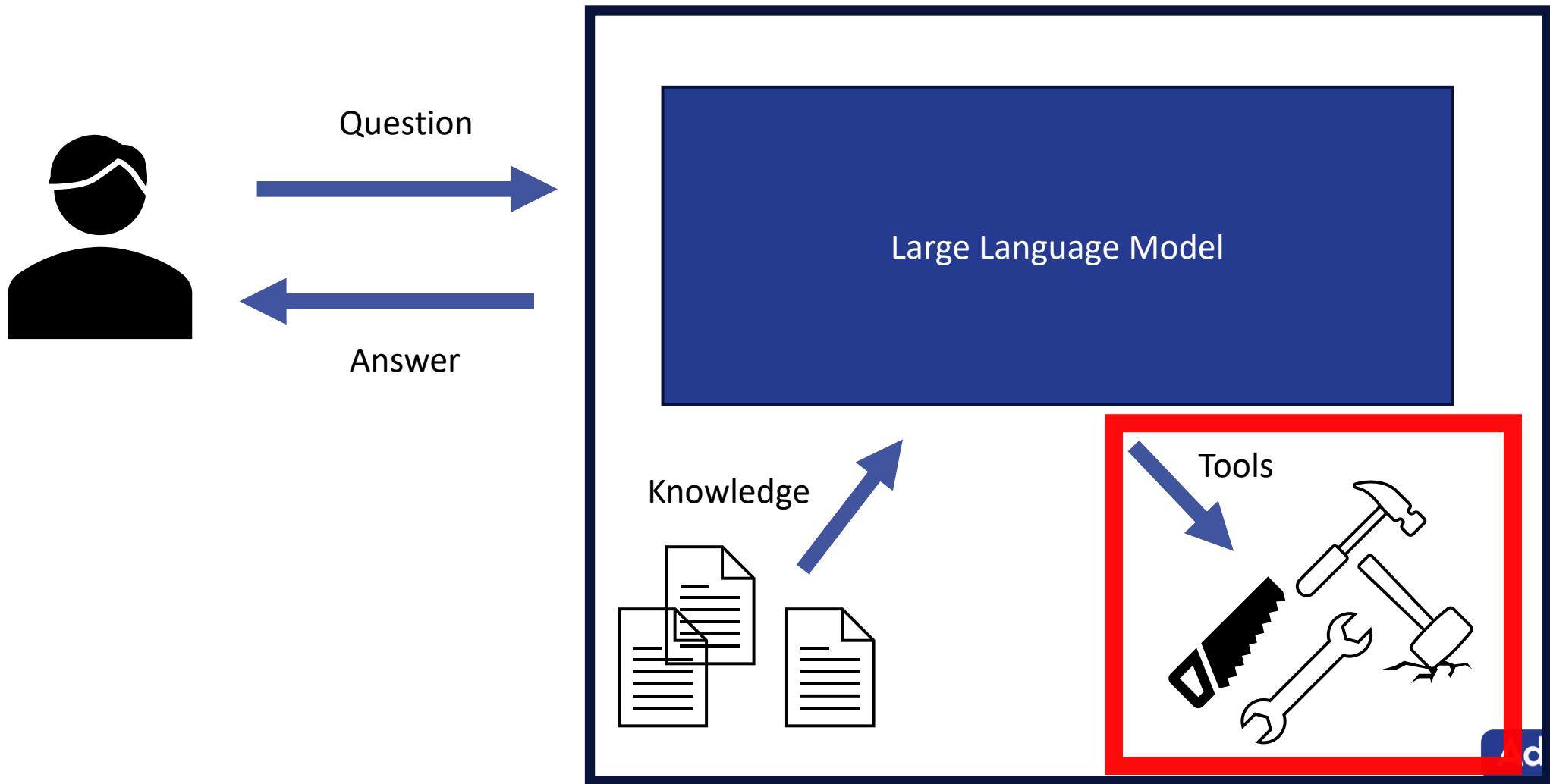
Aber ich will
es JETZT
haben...



OK, dann bauen
wir unseren
eigenen Server



Agent



Model **C**ontext **P**rotocol



[Get started](#)[What is MCP?](#)[About MCP](#)[Architecture](#)[Servers](#)[Clients](#)[Versioning](#)

Develop with MCP

[Connect to local MCP servers](#)[Connect to remote MCP Servers](#)[Build an MCP server](#)[Build an MCP client](#)[SDKs](#)[Get started](#)

What is the Model Context Protocol (MCP)?

 [Copy page](#)

MCP (Model Context Protocol) is an open-source standard for connecting AI applications to

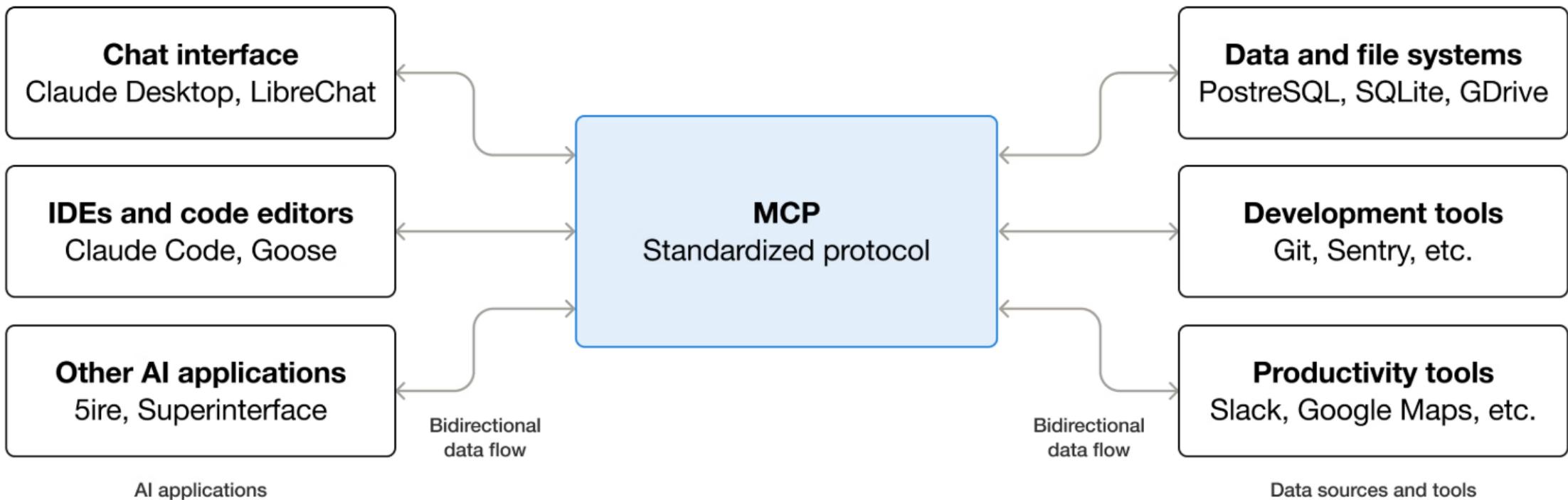
external systems.

Using MCP, AI applications like Claude or ChatGPT can connect to data sources (e.g. local

files, databases), tools (e.g. search engines, calculators) and workflows (e.g. specialized prompts)—enabling them to access key information and perform tasks.

Think of MCP like a USB-C port for AI applications. Just as USB-C provides a standardized way to connect electronic devices, MCP provides a standardized way to connect AI applications to external systems.





Local MCP Server

- Uses stdio as transport
- Runs on the same PC as the AI app
- Can access local resources on the client
- i.e. Github Copilot, Claude Desktop



Remote MCP Server

- Uses HTTP as transport
- Runs on a server
- Can be shared by multiple users online
- i.e. ChatGpt, Microsoft Copilot

LORER ...
WG... 🚧 🛡️ 🚫 🚪
demo
github
vscode
copilot-instructions....
mcp.json
settings.json

TLINE
ELINE
MO TIME
PILOT TASKS
DETOUR

playground

mcp.json Jira.chatmode.md prd-creation.chatmode.md copilot-instructions.rn + ⚒ ... CHAT

.vscode > mcp.json > servers > Jira > env > X-API-KEY

```
10     "servers": {  
11         "Jira": {  
12             },  
13             ▶ Start | 3 tools | More...  
14             "JiraSSE": {  
15                 "url": "http://localhost:5000",  
16                 "type": "sse",  
17                 "headers": {  
18                     "X-API-KEY": "${input:api-key = *****}"  
19                 }  
20             },  
21             ▶ Start | 3 tools | More...  
22             "JiraAzure": {  
23                 "url": "https://jiramcp-hbfcczbpecbehtdp.germanywestcentral-01.azure...  
24                 "type": "sse",  
25                 "headers": {  
26                     "X-API-KEY": "${input:api-key = *****}"  
27                 }  
28             }  
29         }  
30     }  
31 }
```

Used 1 reference

Here are all Jira Issues in the current sprint that are assigned to you and are still open:

- TRUNK-0001 jira2 New requirement 20.04.2023 (Status: Open)
- TRUNK-0002 jira2 New feature Documentation & Compliance 20.04.2023 (Status: Open)
- TRUNK-0003 jira2 Implementation Frontend 20.04.2023 (Status: In Progress)
- TRUNK-0004 jira2 Internal Communication 2.0 20.04.2023 (Status: Open)
- TRUNK-0005 jira2 UI Design Sprint by Team results - Motivationsgrund 20.04.2023 (Status: Open)
- TRUNK-0006 jira2 Monthly 20.04.2023 (Status: Open)
- TRUNK-0007 jira2 Mockup Design 20.04.2023 (Status: Open)
- TRUNK-0008 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0009 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0010 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0011 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0012 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0013 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0014 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0015 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0016 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0017 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0018 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0019 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0020 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0021 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0022 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0023 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0024 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0025 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0026 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0027 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0028 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0029 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0030 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0031 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0032 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0033 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0034 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0035 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0036 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0037 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0038 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0039 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0040 jira2 Mockup Mockup 20.04.2023 (Status: Open)
- TRUNK-0041 jira2 Mockup Mockup 20.04.2023 (Status: Open)

If you need details for a specific issue, let me know the issue key!



Add Context... mcp.json:21

Add context (#), extensions (@), commands (/)

Jira GPT-4.1



Suche

Chat

Agents

Recherche-Agent

Analyst

Idea Coach

JiraAgent

Svens Vertragsagent

Trello for Teams

Alle Agents

Agent erstellen

Unterhaltungen

List all issues that are assign...

welche issues sind mit im aktu...

gib mir alle Jira Issues, die mir ...

gib mir alle Jira Issues, die mir ...

gib mir alle Jira Issues, die mir ...

Alle Unterhaltungen

Seiten

Notebooks

Erstellen

Apps

Sven Sieverding

...

JiraAgent > List all issues that are assigned to me and that a



List all issues that are assigned to me and that are still open.
respond in english and format the results in a table

JiraAgent

Key	Title	Status	Priority
TEAM001-0001	[P0] Gestaltung Wieder 25.08.2023	Open	Low
TEAM001-0002	[P0] Weiterführung Governance & Compliance 25.08.2023	Open	Low
TEAM001-0003	[P0] Interne Kommunikation 25 26.08.2023	Open	Low
TEAM001-0004	[P0] AI Design Sprint by Team Velocity - Abstimmungsergebnisse 25.08.2023	Open	Low
TEAM001-0005	[P0] Velocity 25 26.08.2023	Open	Low
TEAM001-0006	[P0] Abschaltung Gestaltung 25.08.2023	Open	Low

Nachricht an Copilot



KI-generierte Inhalte können fehlerhaft sein

MCP mit dotnet core (alt)

```
dotnet new console -n MyMcpServer  
cd MyMcpServer
```

```
dotnet add package ModelContextProtocol --prerelease  
dotnet add package Microsoft.Extensions.Hosting
```



MCP mit dotnet core (neu)

```
dotnet new install Microsoft.Extensions.AI.Templates
```

```
dotnet new mcpserver -n MyMcpServer  
cd MyMcpServer
```



Demo time!



Copilot Studio Integration



Admin-Track

```
1  swagger: '2.0'
2  info:
3      title: MCP Server
4      description: A MCP to use our Jira Instance
5      version: 1.0.0
6  host: jiramcp-hbfcczbpecbehtdp.germanywestcentral-01.azurewebsites.net
7  basePath: /
8  schemes:
9      - https
10 consumes: []
11 produces: []
12 paths:
13     /:
14         post:
15             summary: MCP Server Streamable HTTP
16             x-ms-agnostic-protocol: mcp-streamable-1.0
17             operationId: InvokeMCP
18             responses:
19                 '200':
20                     description: Success
21             definitions: {}
22             parameters: {}
23             responses: {}
24             securityDefinitions:
25                 api_key:
26                     type: apiKey
27                     in: header
28                     name: X-API-KEY
29             security:
30                 - api_key: []
31             tags: []
32         |
```





<https://github.com/365knoten/MCPJira>



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