

SMARTCLOUD 365
ZUKUNFT TRIFFT PRODUKTIVITÄT

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

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



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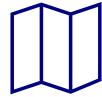
team neusta



1.300 + Employees



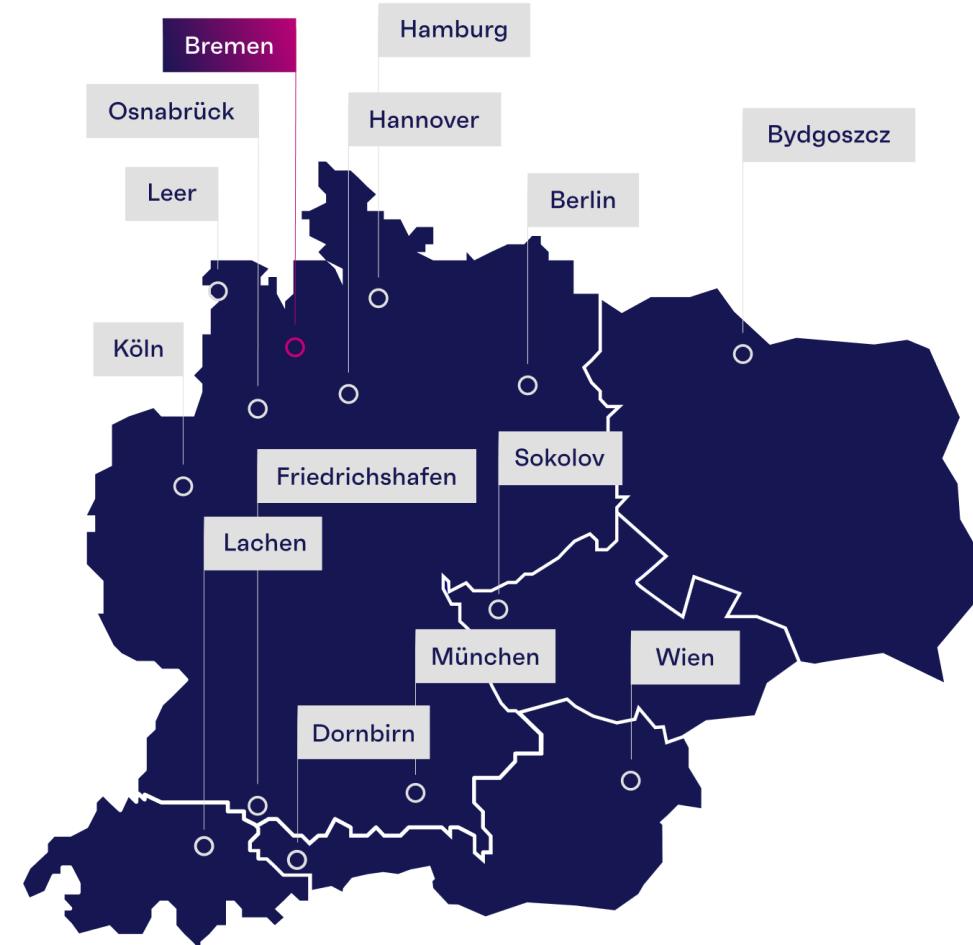
Founded in 1993



DACH Region



28 Companies





JIRA



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

 TIS-4 Send the pre-landing report to Earth

Mars Landing

 TIS-5 Cleanup the landing site

Mars Landing

 TIS-6 Hire the team

Mars Landing



+ 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: CaptainAssignee: Master

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



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)

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 Ask Learn Focus mode

⋮

In this article

Capabilities

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Review and test your connector

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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

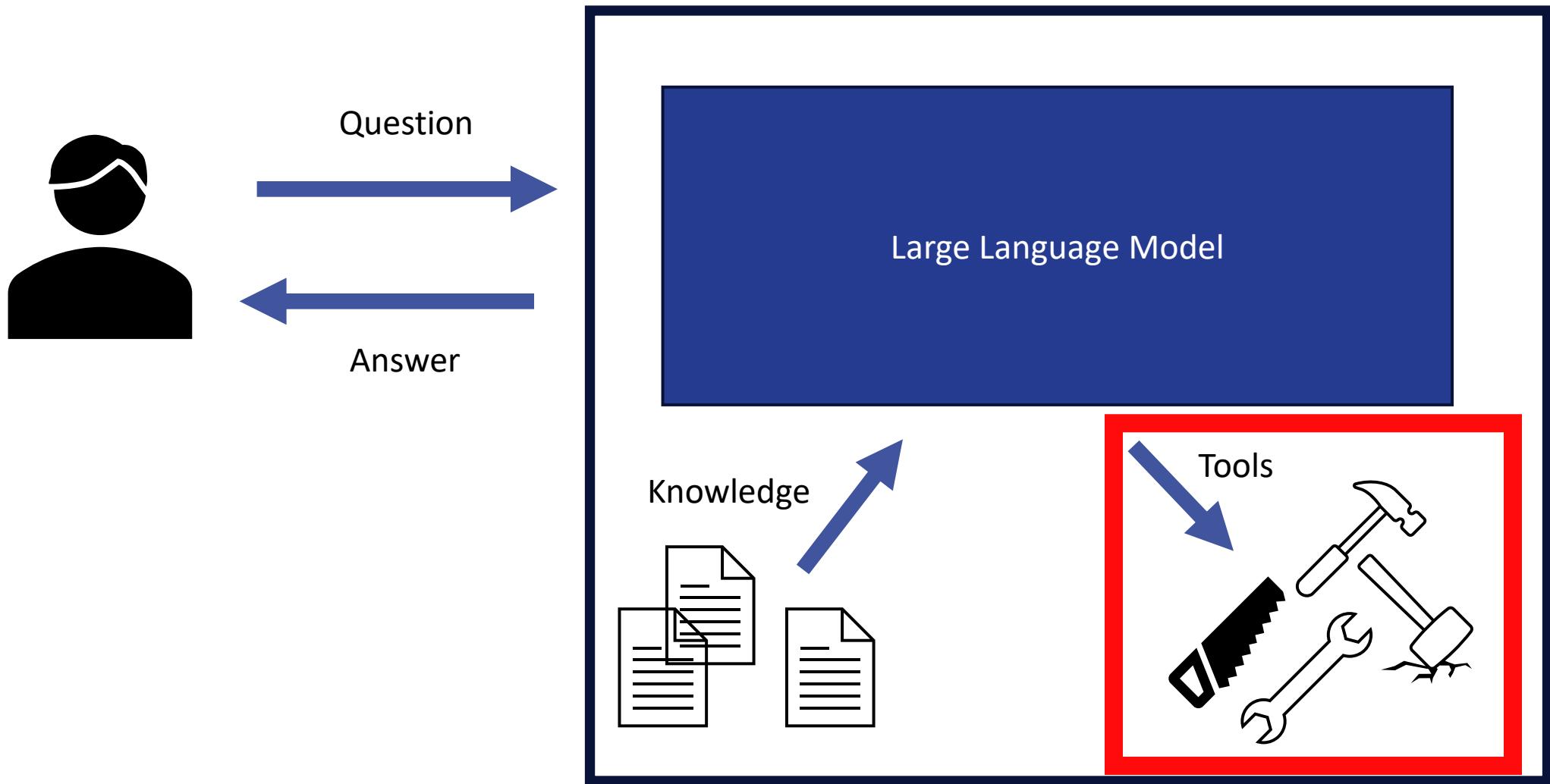
Stuff to do:

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

Aber ich will
es JETZT
haben...

OK, dann bauen
wir unseren
eigenen Server

Agent



Model
Context
Protocol

[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

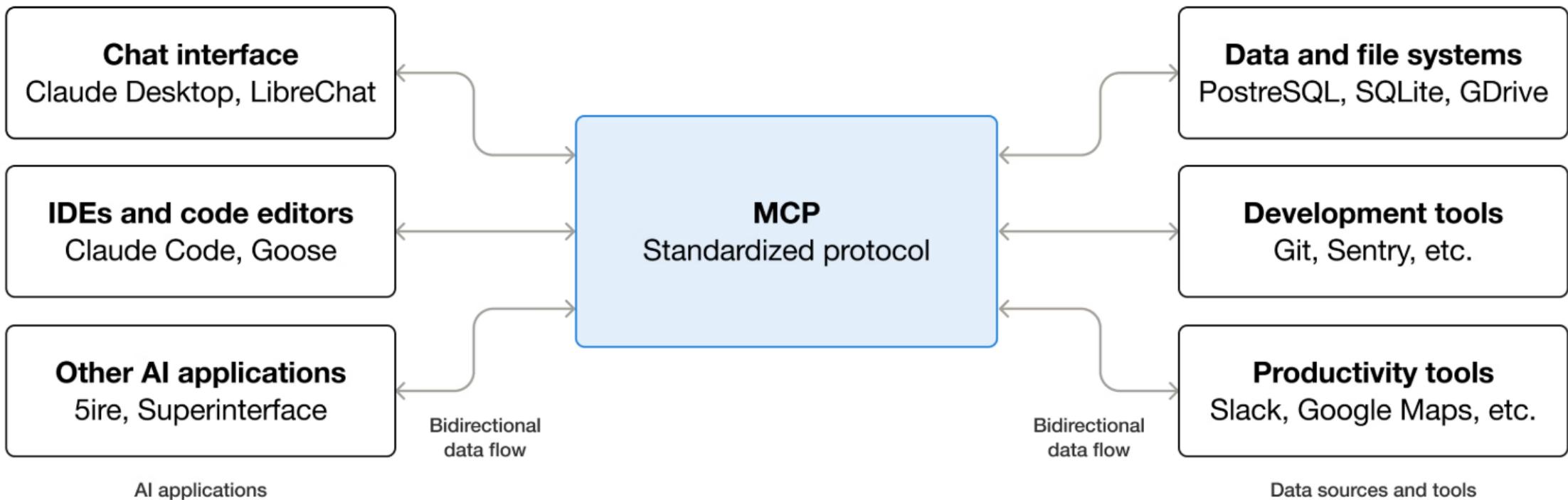
external systems.

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 ...
avg... ⌂ ⌃ ⌁ ⌂
demo
github
vscode
copilot-instructions...
mcp.json
settings.json

```
! mcp.json X Jira.chatmode.md prd-creation.chatmode.md copilot-instructions.rn + 🖊️
.vscode > { mcp.json > {} servers > {} Jira > {} env > X-API-KEY
10     "servers": {
11         "Jira": {
25             },
26             ▶ Start | 3 tools | More...
27             "JiraSSE": {
28                 "url": "http://localhost:5000",
29                 "type": "sse",
30                 "headers": {
31                     "X-API-KEY": "${input:api-key = *****}"
32                 }
33             },
34             ▶ Start | 3 tools | More...
35             "JiraAzure": {
36                 "url": "https://jiramcp-hbfcczbpecbehtdp.germanywestcentral-01.azurewebsites.net",
37                 "type": "sse",
38                 "headers": {
39                     "X-API-KEY": "${input:api-key = *****}"
40                 }
41             }
42         }
43     }
44 }
```

CHAT

> Used 1 reference

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

- T202001-0001 [ptc] Entwicklung Weekly 25.06.2020 (Status Open)
 - T202001-0002 [ptc] Weiterbildung Governance & Compliance 25.06.2020 (Status Open)
 - T202001-0003 [ptc] Brainstorming (new) 25.06.2020 (Status In Progress)
 - T202001-0004 [ptc] interne Kommunikation 2.0 26.06.2020 (Status Open)
 - T202001-0005 [ptc] A Design Sprint by team results - Abschlussgrundsatz 25.06.2020 (Status Open)
 - T202001-0006 [ptc] Weekly A 25.06.2020 (Status Open)
 - T202001-0007 [ptc] Marketing (Entwickelpool) 25.06.2020 (Status Open)
 - T202001-0008 [ptc] Marketing Hochrechnungen 25.06.2020 (Status Open)
 - T202001-0009 [ptc] Marketing B1 25.06.2020 (Status Open)
 - T202001-0010 [ptc] Entwicklung WF 25.06.2020 (Status Open)
 - T202001-0011 [ptc] Entwicklung Grundpool 25.06.2020 (Status Open)
 - T202001-0012 [ptc] CBA4 KPI 25.06.2020 (Status Open)
 - T202001-0013 [ptc] Entwicklung B1C 25.06.2020 (Status In Progress)
 - T202001-0014 [ptc] Entwicklung B1D 25.06.2020 (Status In Progress)
 - T202001-0015 [ptc] Aufbereitung Daten zur Projektlokation 25.06.2020 (Status In Progress)
 - T202001-0104 [ptc] Revenue Matrix Planierung, Strategie etc. 25.06.2020 (Status Open)
 - T202001-0006 [internal Organization] Aufbereitung L1000 Methodik 26.06.2020 (Status Open)
 - T202001-0007 [ptc] K Definition neue Produkte 26.06.2020 (Status Open)
 - T202001-0008 [ptc] Long-term Vergleich Waren 26.06.2020 (Status Open)
 - 002100042-1104 Bearbeitete Maßnahmencheckliste (Status In Progress)
 - 002100042-1105 Rückzug vor der Deployment der 8 Schulminis ausführen (Status Open)
 - 002100042-1119 Aufheben der Mail informationen und Übermittlung an E2EA-Bereich (Status In Progress)

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



 Add Context... mcp.json:21

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

Lira × GPT-4.1 ×

TLINE
IELINE
MO TIME
PILOT TASK
DETOUR



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
TEAM2023-0001	[P0] Gestaltung Wieder 25.08.2023	Open	Low
TEAM2023-0002	[P0] Weiterführung Governance & Compliance 25.08.2023	Open	Low
TEAM2023-0003	[P0] Interne Kommunikation 25. 08.2023	Open	Low
TEAM2023-0004	[P0] AI Design Sprint by Team Velocity - Abstimmungsergebnisse 25.08.2023	Open	Low
TEAM2023-0005	[P0] Weekly 01 26.08.2023	Open	Low
TEAM2023-0006	[P0] Abschaltung Gestaltung 25.08.2023	Open	Low

Nachricht an Copilot



MCP mit dotnet core (alt)

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

```
dotnet add package Microsoft.EntityFrameworkCore --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

```
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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