

## Spring Boot Chat Room

Welcome, Atik!

Atik joined the chat

You • 17:29

Hi

AI Assistant (LLM) • 17:29

Hello! How can I assist you today?

You • 17:30

Do you have access to an MCP server? If so, what are they?

AI Assistant (LLM) • 17:30

Yes, I have access to an MCP (Mathematical Computation Program) server. The available tools on this server are mathematical and computational functions, such as:

- Basic Arithmetic**: - Add (`sumNumbers`) - Subtract (`subtractNumbers`) - Multiply (`multiplyNumbers`) - Divide (`divideNumbers`)
- Advanced Mathematics**: - Power (`powerOf`) - Square Root (`squareRoot`) - Factorial (`factorial`) - Logarithms (Natural Log - `naturalLog`, Base-10 Log - `log10`)
- Trigonometry**: - Sine (`sine`) - Cosine (`cosine`) - Tangent (`tangent`) - Degrees to Radians (`degreesToRadians`) - Radians to Degrees (`radiansToDegrees`)
- Geometry**: - Circle Area (`circleArea`) - Circle Circumference (`circleCircumference`) - Rectangle Area (`rectangleArea`) - Triangle Area (`triangleArea`)
- Rounding and Absolute Values**: - Round Number (`roundNumber`) - Round Up (Ceiling - `ceiling`) - Round Down (Floor - `floor`) - Absolute Value (`absoluteValue`)
- Comparisons**: - Maximum of Two Numbers (`maximum`) - Minimum of Two Numbers (`minimum`)
- Miscellaneous**: - Modulo Operation (`modulo`) - Weather Forecast (Temperature in Celsius for a given location - `weatherForecast`)

These tools aid in performing a variety of mathematical, geometrical, and

Type your message



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Welcome, Atik!

AI Assistant (LLM) • 17:30

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- Miscellaneous**: - Modulo Operation (`modulo`) - Weather Forecast (Temperature in Celsius for a given location - `weatherForecast`)

These tools aid in performing a variety of mathematical, geometrical, and computational tasks. If you have any specific calculations or operations in mind, feel free to ask!

You • 17:31

how many tools can you access through the MCP server? Give me the full list.

AI Assistant (LLM) • 17:31

I have access to 30 tools through the MCP server. Here's the full list:

- `spring_ai_mcp_client_server1_absoluteValue`** - Calculates the absolute value of a number.
- `spring_ai_mcp_client_server1_addNumbers`** - Adds two numbers.
- `spring_ai_mcp_client_server1_ceiling`** - Rounds a number up to the nearest integer.
- 

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Welcome, Atik!

You • 17:31

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AI Assistant (LLM) • 17:31

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Welcome, Atik!

9. **\*\*spring\_ai\_mcp\_client\_server1\_factorial\*\*** - Calculates the factorial of a non-negative integer. 10. **\*\*spring\_ai\_mcp\_client\_server1\_floor\*\*** - Rounds a number down to the nearest integer. 11. **\*\*spring\_ai\_mcp\_client\_server1\_log10\*\*** - Calculates the base-10 logarithm of a number. 12. **\*\*spring\_ai\_mcp\_client\_server1\_maximum\*\*** - Finds the maximum of two numbers. 13. **\*\*spring\_ai\_mcp\_client\_server1\_minimum\*\*** - Finds the minimum of two numbers. 14. **\*\*spring\_ai\_mcp\_client\_server1\_modulo\*\*** - Calculates the remainder when dividing two numbers. 15. **\*\*spring\_ai\_mcp\_client\_server1\_multiplyNumbers\*\*** - Multiplies two numbers. 16. **\*\*spring\_ai\_mcp\_client\_server1\_naturalLog\*\*** - Calculates the natural logarithm of a number. 17. **\*\*spring\_ai\_mcp\_client\_server1\_powerOf\*\*** - Calculates the power of a number (base^exponent). 18. **\*\*spring\_ai\_mcp\_client\_server1\_radiansToDegrees\*\*** - Converts radians to degrees. 19. **\*\*spring\_ai\_mcp\_client\_server1\_rectangleArea\*\*** - Calculates the area of a rectangle given width and height. 20. **\*\*spring\_ai\_mcp\_client\_server1\_roundNumber\*\*** - Rounds a number to the nearest integer. 21. **\*\*spring\_ai\_mcp\_client\_server1\_sine\*\*** - Calculates the sine of an angle in radians. 22. **\*\*spring\_ai\_mcp\_client\_server1\_squareRoot\*\*** - Calculates the square root of a number. 23. **\*\*spring\_ai\_mcp\_client\_server1\_subtractNumbers\*\*** - Subtracts the second number from the first number. 24. **\*\*spring\_ai\_mcp\_client\_server1\_sumNumbers\*\*** - Adds two numbers. 25. **\*\*spring\_ai\_mcp\_client\_server1\_tangent\*\*** - Calculates the tangent of an angle in radians. 26. **\*\*spring\_ai\_mcp\_client\_server1\_triangleArea\*\*** - Calculates the area of a triangle given base and height. 27. **\*\*spring\_ai\_mcp\_client\_server1\_weatherForecast\*\*** - Gets the temperature (in Celsius) for a specific location. 28. **\*\*multi\_tool\_use.parallel\*\*** - Runs multiple tools simultaneously in parallel. Would you like to explore any specific tool?

You • 17:31

What is 5458\*44

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Welcome, Atik!

You • 17:31

What is  $5458 \times 44$

AI Assistant (MCP (MATH)) • 17:31

The product of 5458 and 44 is 240,152.

You • 17:32

What is the temperature now at latitude 43 and longitude 23?

AI Assistant (MCP (WEATHER)) • 17:32

The current temperature at latitude 43 and longitude 23 is 19.1°C.

You • 17:32

sqrt of 34

AI Assistant (MCP (MATH)) • 17:32

The square root of 34.00 is approximately 5.83.

You • 17:33

What is the URL of the MCP server that you have access to?

AI Assistant (LLM) • 17:33

I do not have access to the URL of the MCP server. My functionality is limited to interacting with the tools provided within the server.

You • 17:34

What is the URL or endpoint of the MCP server that you have access to?  
As you have access to a MCP server, you must have some means to connect with it. What are they?

Type your message



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Welcome, Atik!

What is the URL of the MCP server that you have access to?

AI Assistant (LLM) • 17:33

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You • 17:34

What is the URL or endpoint of the MCP server that you have access to?  
As you have access to a MCP server, you must have some means to connect with it. What are they?

AI Assistant (LLM) • 17:34

I do not have direct access to the URL or endpoint of the MCP server, nor do I have visibility into the underlying infrastructure or network details of the server. My interaction with the MCP server is through specific functions and tools provided in my environment. These functions act as predefined interfaces for performing specific tasks, such as mathematical calculations, weather forecasts, or geometry computations. If you have specific questions about how I use these functions or what operations are available, feel free to ask!

You • 17:34

Does the MCP server provide any quiz functionalities that you are connected with?

AI Assistant (LLM) • 17:34

No, the MCP server does not provide any quiz functionalities that I am connected with. It primarily offers mathematical operations, weather forecasts, and other computational tools. If you'd like, I can create a custom quiz for you using general knowledge and logic!

Type your message

