nSoftware MCP SDK for .Net v26.0.9608 (23 Apr 2026)

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nSoftware MCP SDK for .Net provides developers with tools to integrate large language models into their applications, data, and business logic. It offers pre-packaged components for creating a server application and a client application to enable AI tools to access custom information, execute application functions, and collaborate with re-usable instructions using the Model Context Protocol.

The SDK provides a simple event-driven API, which allows developers to show tools, resources, and prompts without the need to create the full protocol from the ground up. It allows for two-way communication, allowing applications to supply data to the LLM as well as functions that need AI-generated responses to be returned from within custom code.

The **nSoftware MCP SDK for .Net** supports standard input/output and HTTP and is supported by MCP hosts like Claude Desktop, Cursor and Visual Studio Code. Its native .The goal of creating a NET component is to ensure that it is lightweight, thread safe, reliable, and easy to integrate with AI agents, desktop applications, backend services, and enterprise systems.

Key Features of **nSoftware MCP SDK for .Net** :

1. **MCP Server and Client Components:** Build both sides of an MCP integration using a consistent .NET API.
2. **Custom Tool Support:** Allow LLMs to call your application functions and execute custom operations.
3. **Flexible Resources:** Share data from files, databases, APIs, cloud storage, and other sources.
4. **Reusable Prompts:** Create predefined prompt templates with dynamic values and contextual information.
5. **LLM Sampling:** Request AI-generated responses directly from your application code.
6. **Two-Way Communication:** Exchange data, commands, prompts, and results between LLMs and your software.
7. **Multiple Transport Options:** Communicate through standard input/output or HTTP.
8. **Simple Event-Driven API:** Handle MCP requests and events with less setup and boilerplate code.
9. **Access Control:** Decide which tools, resources, and data the LLM is allowed to use.
10. **Broad MCP Host Compatibility:** Works with Claude Desktop, Cursor, Visual Studio Code, and other MCP-compatible tools.
11. **Native .NET Components:** Integrates directly into .NET projects without depending on external libraries.
12. **Reliable and Lightweight:** Designed for strong performance, thread safety, and low resource usage.
13. **Documentation and Samples:** Includes guides, sample applications, reference documentation, and an online knowledge base.
14. **Professional Support:** Includes free email support with optional enterprise-level assistance.

版本列表

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