

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

2026-07-01 10:26:46



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 :

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

版本列表

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