



neokernel

Simplify programming for Microsoft's .NET



Comet Way's Neokernel is a high performance web server for Microsoft's .NET Framework that can be embedded and distributed with other applications or used immediately in production.

The software includes support for SSL, logging, scheduling, redirection, proxy

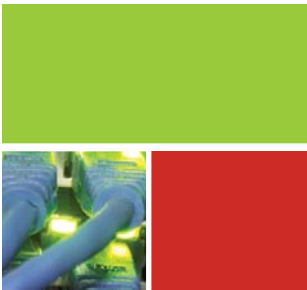
services, and distribution. Developers can extend the server to generate dynamic content using familiar Visual Basic or C# server APIs, and the runtime library is smaller than 500 KB.

Neokernel Feature Highlights:

Feature	What It Means
Support for secure web connections using SSL (HTTPS); certificate and cryptography libraries are included.	SECURE
Runtime assembly is less than 500KB and implemented in 100% managed C# code.	FAST & LIGHTWEIGHT
Includes support for HTTP Proxying, distributing work among multiple servers, and database connectivity.	SCALABLE
Runs as a Windows Service, in the command console, or embedded in other applications.	FAMILIAR
Serve static and dynamic web content without depending on a pre-installed or external web server.	DYNAMIC
Use ASP.NET pages C# or VB.NET code to generate dynamic web content.	RE-USABLE

"The Neokernel makes it trivial to create Visual Basic or C# applications that serve dynamically generated web content. Web applications can be deployed without relying on IIS but they can still take direct advantage of .NET and the Windows platform."

*-Paul Cunningham,
CTO of Comet Way*



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Top 10 Reasons Programmers Use the Neokernel

1. "I don't have to deal with IIS or Apache."
2. Neokernel plug-ins are easier to develop than ASP.NET pages, JSP pages, or Java Servlets.
3. Support for ASP.NET means that existing code works without modifications.
4. The server loads only the required components for maximum security and performance.
5. Supports session management and client-side cookies.
6. Built-in state machine model, flexible task scheduling, lightweight object database, and flat-file XML database features.
7. Industry standard HTTP logging using the NCSA-Extended log file format.
8. Easy to configure using XML configuration files.
9. Built-in security and cryptography libraries.
10. Logging API for writing to the web server logs (NCSA), Windows Event Log, individual plug-in log files, or console output



Where To Get The Neokernel

Discover the ways that Neokernel can help you work more effectively.

Neokernel is available at:
www.neokernel.com



Desktop/Notebook

- Hardware-PC with 300 MHz or higher processor clock speed recommended; 233 MHz minimum required (single or dual processor system) (Intel Pentium/Celeron family, AMD K6/Athlon/Duron family, or compatible processor recommended).
- Memory-128 MB of RAM or higher recommended (64 MB minimum supported-may limit performance and some features)

Windows Server 2003 and Windows Small Business Server 2003

- Hardware-PC with 300 MHz or higher processor clock speed recommended; 223 MHz minimum required (single or dual processor system) (Intel Pentium/Celeron family, AMD K6/Athlon/Duron family or compatible processor recommended).
- Memory- 128 MB of RAM or higher recommended (64 MB minimum supported-may limit performance and some features).