Noemax PowerWebSockets v18.14.5339.0

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PowerWebSockets is a high-throughput, cross-platform, full-duplex communication frame in C# that excels at compelling real-time data within a high number of connections between browsers and devices, servers, and computers.

PowerWebSockets Real-time bi-directional communications between browsers, devices, servers, and computers.

Noemax PowerWebSockets Amazing Attributes:

Produce WebSocket servers and customers who can send binary and text data every time they prefer additional WebSocket servers or clients within single-TCP, full-duplex stations.

Its asynchronous design, flexible resource management, and transportation compression supply high responsiveness, low memory utilization, and nominal bandwidth consumption.

The Push-to-All and Transparent Burst multitasking mechanics help you produce your own messaging program capable of driving tens of thousands of messages each second.

JSON's format ease and WebSocket's communicating benefits have been combined in an effective communication framework for constructing real-time programs and solutions.

Together with PowerWebSockets, there is not much differentiation between servers and clients. Channels offer identical performance at both ends, and providers can behave both as servers and as customers.

The WebSocket API of all PowerWebSockets signifies every outbound or inbound message for a .NET flow, letting you effectively move messages of arbitrary size.

Activate TLS by simply shifting from"ws:" into"wss:" and providing a certificate. You're able to perform TLS authentication of servers and customers in addition to HTTP basic authentication.

Prepared for the Internet of Things? With the extended capabilities of PowerWebSockets, you may produce servers out of iOS, Android, and Compact Framework apparatus.

Interoperable with WebSocket servers, desktops, browsers, and devices such as IE, FF, Chrome, Opera, Safari, IIS, Apache, Nginx, and a lot more.

The innovative keep-alive mechanism can help you to make sure that connections stay living, while its tracing support allows you to follow your applications remotely or locally.

WCF, we love you! A WebSocket transportation binding component for WCF using near-universal accessibility means greater functionality and service for the output signal.

You can utilize PowerWebSockets in projects targeting .NET Framework, .NET Compact Framework, Xamarin.iOS, Xamarin.Android, Xamarin.Mac, Windows Phone, Silverlight, and Mono.

版本列表

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