

라이브러리

C# WPF NuGet

ScottPlot.NET

라이브러리 vs 프레임워크

- 둘 다 이미 만들어진 코드 모음.
- 개발자가 직접 처음부터 만들지 않아도, 필요한 기능을 불러와서 사용 할 수 있음.
- 코드를 효율적으로 재사용하게 해주는 도구.
- Ex. 버튼 UI, 그래프, 구조적 최적화. 파일 읽기.

라이브러리 vs 프레임워크

- **라이브러리**

- 개발자의 코드가 중심
- 개발자가 직접 호출해서 사용.
- = 원할 때 가져와서 사용
- ScottPlot, LiveCharts2, MahApps.Metro etc…

- **프레임워크**

- 프레임워크가 중심.
- 프레임워크가 내 코드를 호출함.
- = 정해진 틀 안에서 사용.
- WPF, WindowForm, ASP.NET etc…

NuGet 이란?

- .NET 용 패키지 매니저
- 앱스토어 같은 역할.
 - <https://www.nuget.org/packages>

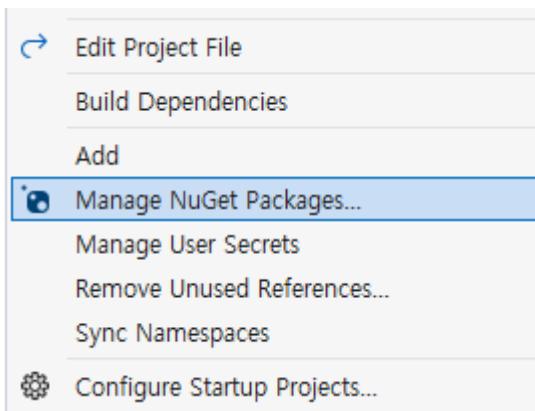


The screenshot shows the NuGet.org homepage with a dark theme. At the top, there's a navigation bar with links for 'nuget', 'Packages' (which is underlined), 'Upload', 'Statistics', 'Documentation', 'Downloads', and 'Blog'. On the right, there's a 'Sign in' link. Below the navigation is a search bar with the placeholder 'Search for packages...' and a magnifying glass icon. To the right of the search bar is a 'Sort by' dropdown set to 'Relevance'. A large text area in the center says 'There are 424,209 packages'. On the left, there's a sidebar titled 'Frameworks' with a 'Learn more' link, a checked checkbox for 'Include compatible frameworks', and a 'Framework Filter Mode' dropdown set to 'ALL'. Below this are four categories: '.NET', '.NET Core', '.NET Standard', and '.NET Framework', each with an unchecked checkbox. At the bottom of the sidebar is a 'Package type' section with a '.NET' button. The main content area displays two package cards: 'Newtonsoft.Json' by dotnetfoundation, jamesnk, newtonsoft, with 6,271,698,884 total downloads, last updated 2023-03-08, and latest version 13.0.3; and 'Microsoft.Extensions.DependencyInjection' by aspnet, dotnetframework, with Microsoft as the provider.

Visual Studio - NuGet 사용법

프로젝트 우클릭

> Manage NuGet Pakages



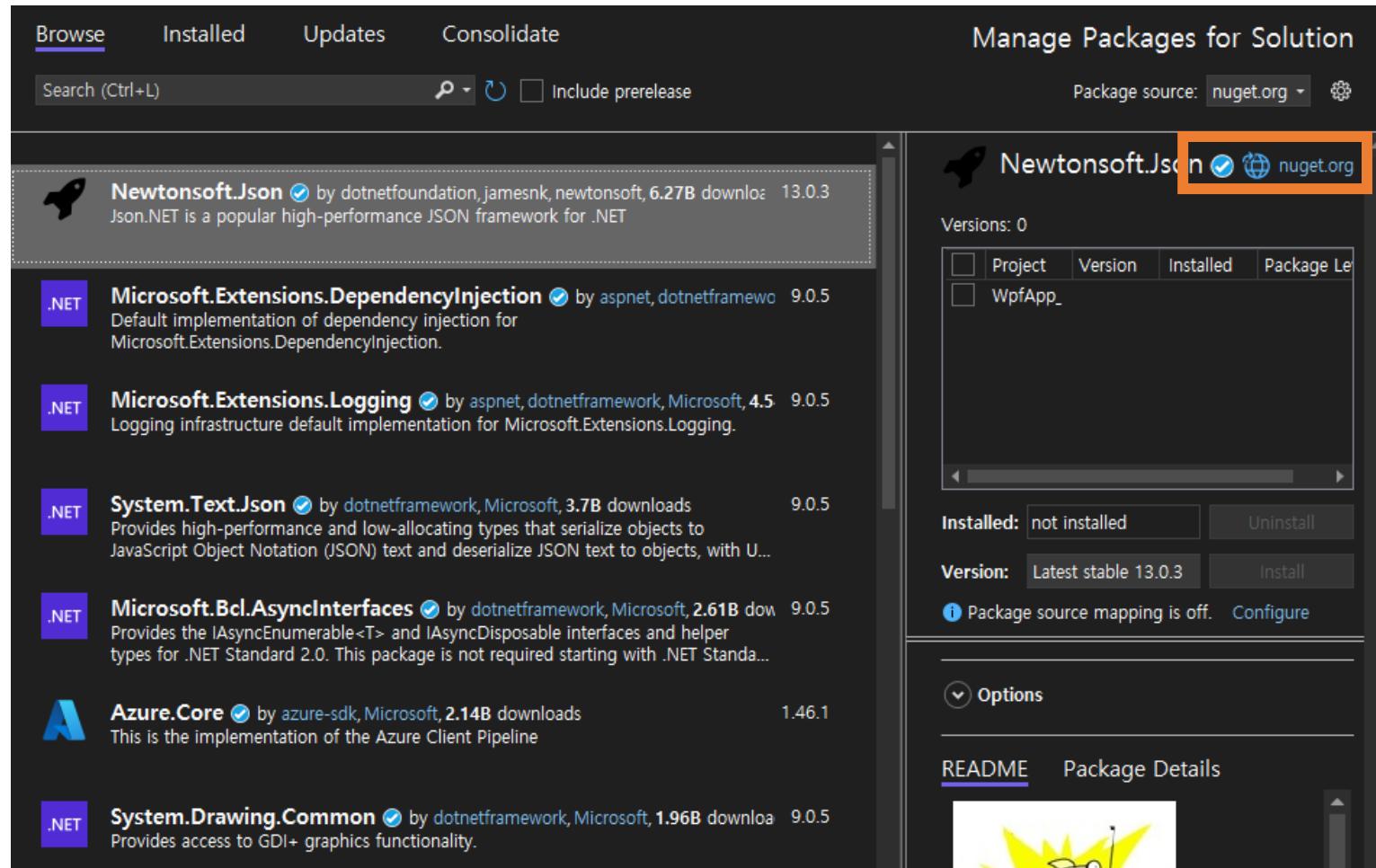
A screenshot of the NuGet Package Manager interface in Visual Studio. The 'Installed' tab is selected. The interface includes a search bar and a checkbox for 'Include prerelease'.

	Package	Version
EF	★ Microsoft.EntityFrameworkCore.SqlServer by Microsoft	9.0.5
EF	★ Microsoft.EntityFrameworkCore by Microsoft	9.0.5
🚀	★ Newtonsoft.Json by James Newton-King	13.0.3
EF	★ Microsoft.EntityFrameworkCore.Tools by Microsoft	9.0.5
EF	★ Microsoft.EntityFrameworkCore.Design by Microsoft	9.0.5

The packages listed are:

- Microsoft.EntityFrameworkCore.SqlServer by Microsoft (version 9.0.5)
- Microsoft.EntityFrameworkCore by Microsoft (version 9.0.5)
- Newtonsoft.Json by James Newton-King (version 13.0.3)
- Microsoft.EntityFrameworkCore.Tools by Microsoft (version 9.0.5)
- Microsoft.EntityFrameworkCore.Design by Microsoft (version 9.0.5)

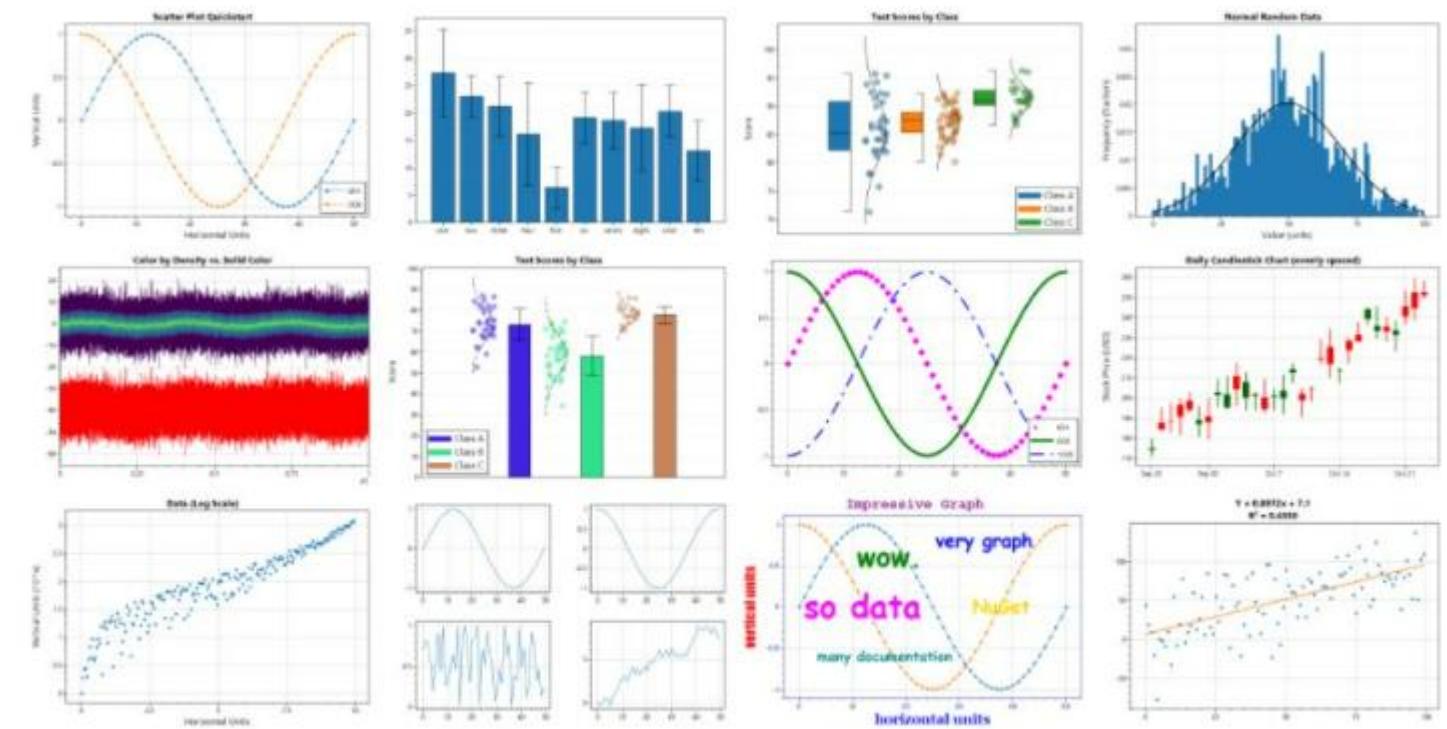
Visual Studio - NuGet 사용법



- 패키지 정보 바로가기

ScottPlot

- NuGet으로 설치 가능한 무료 차트 생성 라이브러리
- <https://scottplot.net/>



ScottPlot

- NuGet에서 scottplot 검색하여 설치

