

# .NET Starter 2023

## #2. 설치

한상곤(-sd-)

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# 1. Windows 사용자

- [Visual Studio 2022 Community 다운로드 및 설치](#)
  - 영문판으로 다운로드
  - C# 및 C++ 관련 패키지 설치
    - (언젠가 C++도 도전해 봐요!)
- [Visual Studio Code 다운로드 및 설치](#)
  - 다운로드 후 PATH 관련 설정 사항 체크 후 설치

## Web &amp; Cloud (4)

**ASP.NET and web development**

Build web applications using ASP.NET Core, ASP.NET, HTML/JavaScript, and Containers including Docker supp...

**Azure development**

Azure SDKs, tools, and projects for developing cloud apps and creating resources using .NET and .NET Framework...

**Python development**

Editing, debugging, interactive development and source control for Python.

**Node.js development**

Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.



## Desktop &amp; Mobile (5)

**.NET Multi-platform App UI development**

Build Android, iOS, Windows, and Mac apps from a single codebase using C# with .NET MAUI.

**.NET desktop development**

Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET and .NET Frame...

**Desktop development with C++**

Build modern C++ apps for Windows using tools of your choice, including MSVC Clang, CMake, or MSBuild.

**Universal Windows Platform development**

Create applications for the Universal Windows Platform with C#, VB, or optionally C++.



## Installation details

- ▶ Visual Studio core editor
- ▶ ASP.NET and web development
- ▶ .NET Multi-platform App UI develop...
- ▶ .NET desktop development
- ▶ Desktop development with C++
- ▼ Universal Windows Platform develop...

## Included

- ✓ Blend for Visual Studio
- ✓ .NET Native and .NET Standard
- ✓ NuGet package manager
- ✓ Universal Windows Platform tools
- ✓ Windows 11 SDK (10.0.22000.0)

## Optional

- ✓ IntelliCode
- ☐ USB Device Connectivity
- ☐ C++ (v143) Universal Windows Platform to...
- ☐ C++ (v142) Universal Windows Platform to...
- ☐ C++ (v141) Universal Windows Platform to...

## Location

C:\Program Files\Microsoft Visual Studio\2022\Community

Remove out-of-support components

By continuing, you agree to the [license](#) for the Visual Studio edition you selected. We also offer the ability to download other software with Visual Studio. This software is licensed separately, as set out in the [3rd Party Notices](#) or in its accompanying license. By continuing, you also agree to those licenses.

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Install while downloading

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## 2. Ubuntu >= 22.04 / macOS >= 13

- [Visual Studio Code 다운로드 및 설치](#)
  - [Ubuntu 사용자](#)
    - [YouTube 링크](#)
  - [macOS 사용자](#)
    - [xcodes 설치](#)
    - [brew 설치](#) 후 터미널에서 `brew install --cask visual-studio-code`
- .Net SDK 설치
  - `sudo apt install dotnet` [[링크](#)]
    - ubuntu 사용자는 22.04 이상의 경우 dotnet 설치 가능
  - `brew install --cask dotnet-sdk`
    - macOS 사용자는 xcode 및 brew 설치 필수

# Summery

- 1. .NET SDK를 설치하자
- 2. VSCode 및 VSS를 설치하자.
- 3. 운영체제에 따라 설치 방법이 다를 수 있으니 주의하자.