**Why use ASP.NET Core?**

Millions of developers have used (and continue to use) [ASP.NET 4.x](https://docs.microsoft.com/en-us/aspnet/overview) to create web apps. ASP.NET Core is a redesign of ASP.NET 4.x, with architectural changes that result in a leaner, more modular framework.

ASP.NET Core provides the following benefits:

* A unified story for building web UI and web APIs.
* Architected for testability.
* [Razor Pages](https://docs.microsoft.com/en-us/aspnet/core/razor-pages/index?view=aspnetcore-2.2) makes coding page-focused scenarios easier and more productive.
* Ability to develop and run on Windows, macOS, and Linux.
* Open-source and [community-focused](https://live.asp.net/).
* Integration of [modern, client-side frameworks](https://docs.microsoft.com/en-us/aspnet/core/client-side/index?view=aspnetcore-2.2) and development workflows.
* A cloud-ready, environment-based [configuration system](https://docs.microsoft.com/en-us/aspnet/core/fundamentals/configuration/index?view=aspnetcore-2.2).
* Built-in [dependency injection](https://docs.microsoft.com/en-us/aspnet/core/fundamentals/dependency-injection?view=aspnetcore-2.2).
* A lightweight, [high-performance](https://github.com/aspnet/benchmarks), and modular HTTP request pipeline.
* Ability to host on [IIS](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/iis/index?view=aspnetcore-2.2), [Nginx](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/linux-nginx?view=aspnetcore-2.2), [Apache](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/linux-apache?view=aspnetcore-2.2), [Docker](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/docker/index?view=aspnetcore-2.2), or self-host in your own process.
* Side-by-side app versioning when targeting [.NET Core](https://docs.microsoft.com/en-us/dotnet/articles/standard/choosing-core-framework-server).
* Tooling that simplifies modern web development.