The difference Between C# and .NET Framework

In simple terms, C# is a programming language, whereas .NET is the framework on which the language is built. Microsoft created .NET (Network Enabled Technology), and .NET developers will use programming languages such as C#. In fact, .NET supports many programming languages, and defines the rules and associated libraries those languages will use. The .NET framework is the management tool for a shared library of code that developers can use so that they don’t have to write code from scratch every time. .NET is packed with tens of thousands of pieces of shared code allowing developers to use common functions. As well as this, it also provides a runtime environment for applications. Other platforms (for example Java) do this too.

C# was originally introduced at the turn of the millennium (although it’s been revised since then, unsurprisingly) and was created by Microsoft from existing C and C++ as a fully object-oriented programming language. It’s simpler than Java and C++ and is extremely flexible, allowing developers to create a huge range of projects and applications. It is also based on a relatively small number of keywords, meaning it may be easier to learn than languages with a wider “vocabulary”.

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