

nietras © 2023 v0.3											
.NET - Any Platform	8.0 2023	Vector512 AVX-512	TimeProvider ITimer	FrozenDictionary FrozenSet	CoreCLR	C# 12.0 2023	Primary constructors, Collection expressions, Inline arrays, Optional parameters in lambda expressions, ref readonly parameters, Alias any type, Experimental attribute, Interceptors			.NET - Any Platform	
	7.0 2022	Generic Math		Cross-Platform Vector64/128/256		C# 11.0 2022	File-scoped types, Generic math support, Auto-default structs, Pattern match Span<char> on a constant string, Extended nameof scope, Numeric IntPtr, UTF-8 string literals, Required members, ref fields and scoped ref, Raw string literals, Improved method group conversion to delegate, Warning wave 7, Generic attributes, Newlines in string interpolation expressions, List patterns				
		On Stack Replacement		Native AOT							
		MAUI									
	6.0 2021	Improved FileStream		Crossgen2 (AOT)		C# 10.0 2021	Record structs, Improvements of structure types, Interpolated string handlers, global using directives, File-scoped namespace declaration, Extended property patterns, Improvements on lambda expressions, Allow const interpolated strings, Record types can seal ToString(), Improved definite assignment, Allow both assignment and declaration in the same deconstruction, Allow AsyncMethodBuilder attribute on methods, CallerArgumentExpression attribute, Enhanced #line pragma				
	5.0 2020	Single file apps		App trimming		C# 9.0 2020	Records, Init only setters, Top-level statements, Native sized integers, Function pointers, Suppress emitting localsinit flag, Target-typed new expressions, static anonymous functions, Target-typed conditional expressions, Covariant return types, Extension GetEnumerator support for foreach loops, Lambda discard parameters, Attributes on local functions, Support for code generators, Module initializers, New features for partial methods				
		Unified platform		ARM64 for Windows							
.NET Core - Cross-platform	Readonly members, Default interface methods, Switch expressions, Property patterns, Tuple patterns, Positional patterns, Using declarations, Static local functions, Disposable <code>ref struct</code> s, Nullable reference types, Asynchronous streams, Indices and ranges, Null-coalescing assignment, Unmanaged constructed types, Stackalloc in nested expressions, Enhancement of interpolated verbatim strings				C# 8.0 2019	3.1 2019	Support for C++/CLI		Windows Forms Controls Removal	.NET Core - Cross-platform	
	Reassign <code>ref</code> local variables, Initializers on stackalloc arrays, Access fixed fields without pinning, <code>unmanaged</code> generic type constraints				C# 7.3 2018	3.0 2019	Windows Desktop apps (WinForms, WPF)	Hardware intrinsics	Range Index		Blazor
	Declare <code>readonly struct</code> types, Add the <code>in</code> modifier on parameters, Use the <code>ref readonly</code> modifier on method returns, Declare <code>ref struct</code> types, Use additional generic constraints, Non-trailing named arguments, Named arguments can be followed by positional arguments, Leading underscores in numeric literals, private protected access modifier, Conditional <code>ref</code> expressions, Result of a conditional expression (?) can be a reference				C# 7.2 2017	2.2 2018	Runtime diagnostics improvements		ARM32 for Windows		
	async Main method, default literal expressions, Inferred tuple element names, Pattern matching on generic type parameters,				C# 7.1 2017	2.1 2018	Span<T>	Tiered JIT	SocketsHttpHandler		
.NET Framework - Windows						2.0 2017	RyuJIT x86	ARM32	.NET Standard 2.0	.NET Framework - Windows	
						1.1 2016	Kestrel Web Server	Azure support	>Linux distros		
						1.0 2016	Unsafe	ASP.NET Core	Entity Framework Core		
	RyuJIT from .NET Core 2.1				ZLib 1.2.11	ARM64	4.8 2019				
	Improved High DPI				ASP.NET Object Cache		4.7 2017				
	High DPI		HTTP/2		RyuJIT 64-bit	4.6 2015					
	Task-Based Async Model		UWP		4.5 2012						
	Task Parallel Library		Parallel LINQ		4.0 2010						
	LINQ	Expression Trees		Entity Framework	3.5 2007						
	WPF	WCF	WF	CardSpace	3.0 2006						
	Generics		ClickOnce	64-bit	2.0 2005						
	Debugger edit and continue										
	.NET Compact Framework		IPv6		1.1 2003	CLR 1.1	C# 1.2 2003	foreach loop calls Dispose on IEnumerator			
WinForms	ASP.NET		ADO.NET	1.0 2002	CLR 1.0	C# 1.0 2002	Classes, Structs, Interfaces, Events, Properties, Delegates, Operators and expressions, Statements, Attributes				
Base Class Library											