Learning .NET Framework 4.0!

Understanding .NET namespaces is essential, as they effectively assist us in intuitively comprehending the structure of the .NET framework.

Using Icons

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`MSCORLIB.DLL` Namespaces

- Microsoft.Win32 ✫
  - Microsoft.Win32.SafeHandles
- System
  - System.Collections ✫
    - System.Collections.Concurrent
    - System.Collections.Generic
    - System.Collections.ObjectModel
  - System.Configuration.Assemblies
  - System.Deployment.Internal
  - System.Diagnostics
    - System.Diagnostics.CodeAnalysis
    - System.Diagnostics.Contracts
      - System.Diagnostics.Contracts.Internal
    - System.Diagnostics.SymbolStore
    - System.Diagnostics.Tracing
  - System.Globalization
  - System.IO ✫
    - System.IO.IsolatedStorage
  - System.Reflection ✫
    - System.Reflection.Emit
  - System.Resources
  - System.Runtime
    - System.Runtime.CompilerServices
    - System.Runtime.ConstrainedExecution
    - System.Runtime.DesignerServices
    - System.Runtime.ExceptionServices
    - System.Runtime.Hosting
    - System.Runtime.InteropServices
      - System.Runtime.InteropServices.ComTypes
      - System.Runtime.InteropServices.Expando
      - System.Runtime.InteropServices.WindowsRuntime
    - System.Runtime.Remoting

- System.Runtime.Remoting.Activation
- System.Runtime.Remoting.Channels
- System.Runtime.Remoting.Contexts
- System.Runtime.Remoting.Lifetime
- System.Runtime.Remoting.Messaging
- System.Runtime.Remoting.Metadata
  - System.Runtime.Remoting.Metadata.W3cXsd2001
- System.Runtime.Remoting.Proxies
- System.Runtime.Remoting.Services
- System.Runtime.Serialization
  - System.Runtime.Serialization.Formatters
    - System.Runtime.Serialization.Formatters.Binary
- System.Runtime.Versioning
- System.Security ★
  - System.Security.AccessControl
  - System.Security.Claims
  - System.Security.Cryptography
    - System.Security.Cryptography.X509Certificates
  - System.Security.Permissions
  - System.Security.Policy
  - System.Security.Principal
- System.Text ★
- System.Threading ★
  - System.Threading.Tasks

SYSTEM.DLL Namespaces

- Microsoft.CSharp ★
- Microsoft.VisualBasic
- Microsoft.Win32 ★
  - Microsoft.Win32.SafeHandles
- System
  - System.CodeDom
    - System.CodeDom.Compiler
  - System.Collections.Concurrent
  - System.Collections.Generic ★
  - System.Collections.ObjectModel ★
  - System.Collections.Specialized
  - System.ComponentModel ★
    - System.ComponentModel.Design
      - System.ComponentModel.Design.Serialization
  - System.Configuration
  - System.Diagnostics
    - System.Diagnostics.CodeAnalysis
  - System.IO ★
    - System.IO.Compression

- - - System.IO.Ports
  - System.Media
  - System.Net ☆
    - System.Net.Cache
    - System.Net.Configuration
    - System.Net.Mail
    - System.Net.Mime
    - System.Net.NetworkInformation
    - System.Net.Security
    - System.Net.Sockets
    - System.Net.WebSockets
  - System.Reflection ☆
  - System.Runtime.InteropServices
    - System.Runtime.InteropServices.ComTypes
  - System.Runtime.Versioning
  - System.Security ☆
    - System.Security.AccessControl
    - System.Security.Authentication
      - System.Security.Authentication.ExtendedProtection
        - System.Security.Authentication.ExtendedProtection.Configuration
    - System.Security.Claims
    - System.Security.Cryptography
      - System.Security.Cryptography.X509Certificates
    - System.Security.Permissions
  - System.Text.RegularExpressions
  - System.Threading ☆
  - System.Timers ☆
  - System.Web ☆
  - System.Windows.Input
  - System.Windows.Markup

SYSTEM.CORE.DLL Namespaces

- Microsoft.Win32.SafeHandles
- System
  - System.Collections.Generic ☆
  - System.Diagnostics
    - System.Diagnostics.Eventing
      - System.Diagnostics.Eventing.Reader
    - System.Diagnostics.PerformanceData
  - System.Dynamic ☆
  - System.IO ☆
    - System.IO.MemoryMappedFiles
    - System.IO.Pipes
  - System.Linq ☆
    - System.Linq.Expressions

- System.Management.Instrumentation
- System.Runtime.CompilerServices
- System.Runtime.InteropServices
- System.Security ★
  - System.Security.Cryptography
    - System.Security.Cryptography.X509Certificates
- System.Threading ★
  - System.Threading.Tasks