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