Learning .NET Framework 4.0!

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

`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