

.NET Advanced Roadmap

Generic Types

- Generic Class
- Generic Interface
- Generic Method

Extension Method

Collections

- IEnumerable
- yield
- List
- Dictionary
- HashSet
- Queue
- Stack

Anonymous Method

- Delegate
- Event
- Lambda Expression
- Func/Action

Concurrent Collections

- ConcurrentBag
- ConcurrentDictionary
- ConcurrentQueue
- BlockingCollection

Anonymous Type

var

Dynamic Type

- Dynamic Language Runtime (DLR)
- dynamic
- ExpandoObject
- DynamicObject

Reflection

- Metadata
- Attribute
- Get/Set Value
- Activator

Asynchronous Programming

- Task
- async-await
- Cancellation
- Progress

Synchronization

- Monitor
- lock
- Semaphore
- SemaphoreSlim
- Mutex
- Channel

Logging

- Serilog
- NLog