Advanced C#

Hack Your Future (https://hackyourfuture.be/)

Axxes Coaches

Hannes Lowette
Joren Vandekerckhove
Kevin Boets
Stijn Roscam
Thibaut Humblet
Francis Didden

Generics

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Maximize code reuse, type safety, and performance.
Built in existing .NET Collections

- Generics introduced the concept of type parameters. We can make a class that takes a generic yet undefined/generic type.
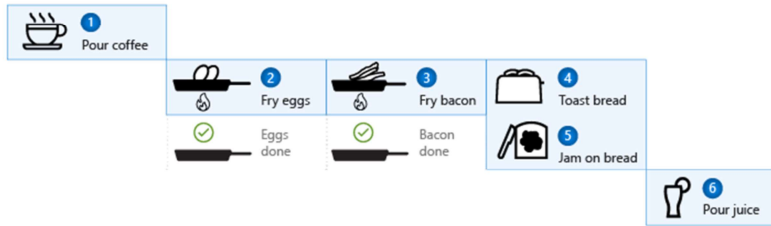- The actual implementation defines the type.

Async / Await

Unblock UI
Effecient processor usage
Useful in frontend and backend
Task & Task<T>

1 Pour coffee
2 Heat pan
3 Fry eggs
4 Fry bacon
5 Toast bread
6 Jam on bread
7 Pour juice

30 minutes
elapsed time

1 Pour coffee
2 Fry eggs
Eggs done
3 Fry bacon
Bacon done
4 Toast bread
5 Jam on bread
6 Pour juice

15 minutes
elapsed time

Nuget Packages

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Demo

Unit testing basics

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Xunit
Test the smallest logical unit