Extending LINQ

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Overview

LINQ doesn’t always have what you need

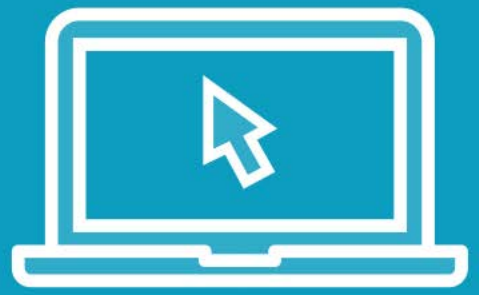
Create your own extension methods

Create reusable and generic extension methods

Use third party LINQ extensions

More LINQ challenges!

Demo



Creating Extension Methods

What namespace should LINQ extension methods be put in?

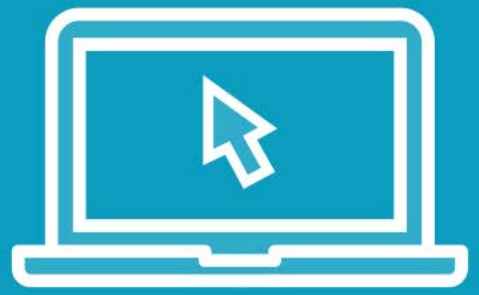
Your own?

- e.g. MyCompany.MyProduct.Utils
- Not available without remembering to add a “using” statement

An existing .NET namespace?

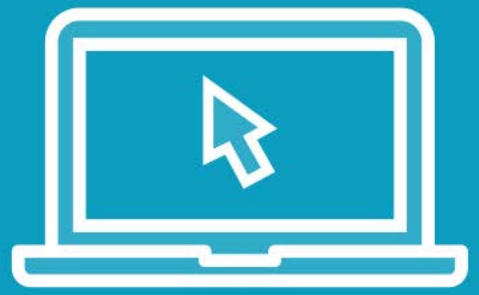
- e.g. System.LINQ
- Extension methods become automatically available
- But can cause confusion

Demo



Concatenating Strings

Demo



Creating a MaxBy Extension Method

Challenge

LINQ Challenge

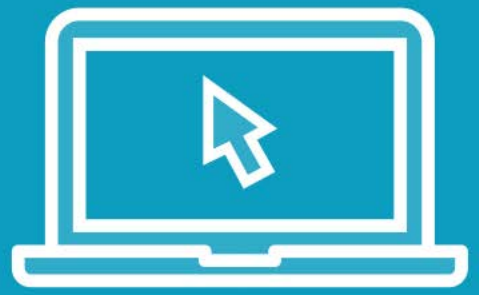
Counting Pets

Challenge

LINQ Challenge

Swim Length Times

Demo



Using MoreLINQ's Batch Extension Method

Challenge

LINQ Challenge

Counting Consecutive Sales

Summary

- Create your own extension methods
- Create reusable and generic extension methods
- Use MoreLINQ
- Up Next: Laziness!