Extending LINQ



Mark Heath
Software Architect

@mark_heath www.markheath.net



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!





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





Concatenating strings

Challenge



LINQ Challenge



Counting Pets



Introducing MoreLINQ

Challenge

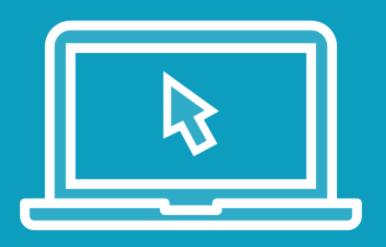


LINQ Challenge



Swim Length Times





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!

