

# 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



# Challenge



# LINQ Challenge



# Counting Pets



# Demo



## Introducing MoreLINQ



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!

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