



# Creating a Simple Service

by Steven McCormick

# Who am I?

## Steven McCormick

- Software Engineer for Suncorp, working in the Digital Bank team
- Development Interests:
  - Web and Native Mobile development
  - Functional Programming



# What is Service Stack

- Opinionated framework for creating and consuming services
- DTO (Data Transfer Object) Pattern:  
Pass the parameters via an object; that is a C# class
- Service Stack == MS Web.API (+ Opinion - Flexibility + Simplicity)

# Why use Service Stack?

- Simplicity
- Speed
- .NET and Mono
- Testable

# What's in the box?

- Serializers
- Service Endpoints
- IoC Container
- ORM (Object Relational Mapper)
- Caching

# Demo

- Create services for Customer
  - CRUD
  - REST
  - POCO

# References

- Service Stack
  - Wiki: <https://github.com/ServiceStack/ServiceStack/wiki>
  - Benchmarks: <http://mono.servicestack.net/benchmarks/>
  - Mono: <https://github.com/ServiceStack/ServiceStack/wiki/Mono>
- DTOs
  - <http://martinfowler.com/eaCatalog/dataTransferObject.html>

Questions