

Building Microservices using .NET Core and Docker

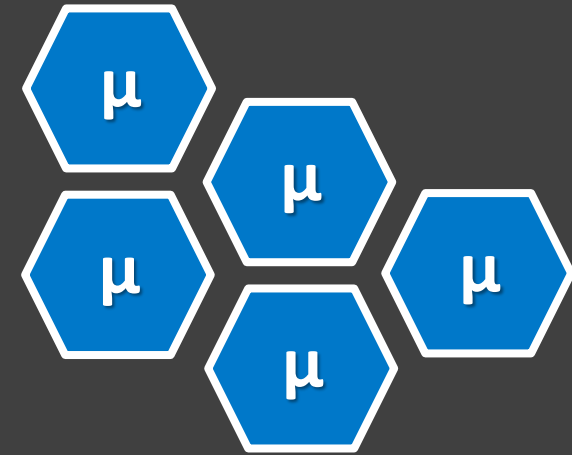
Edwin van Wijk

Principal Software Architect at *infoSupport*
Solid Innovator

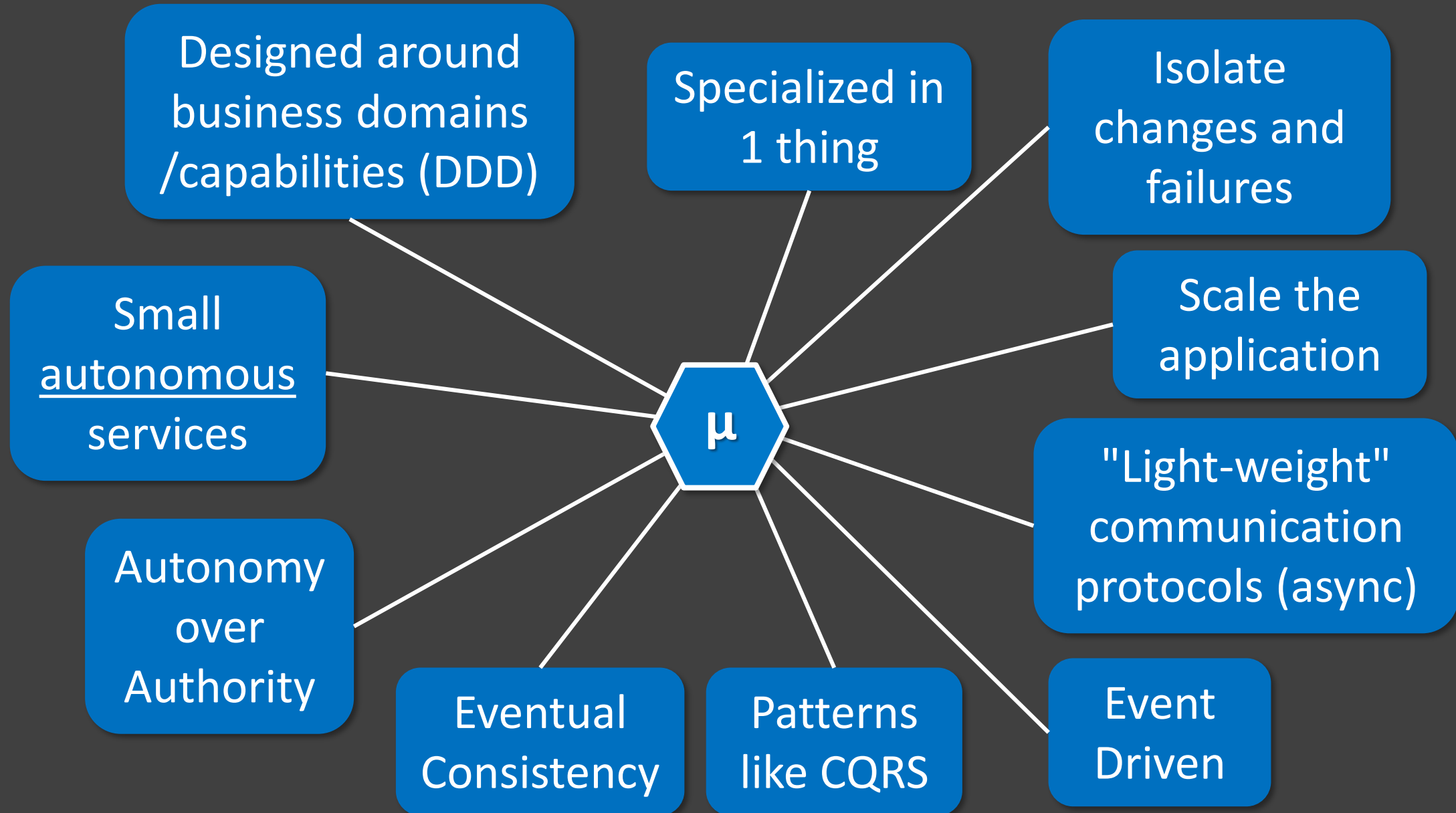
@evanwijk



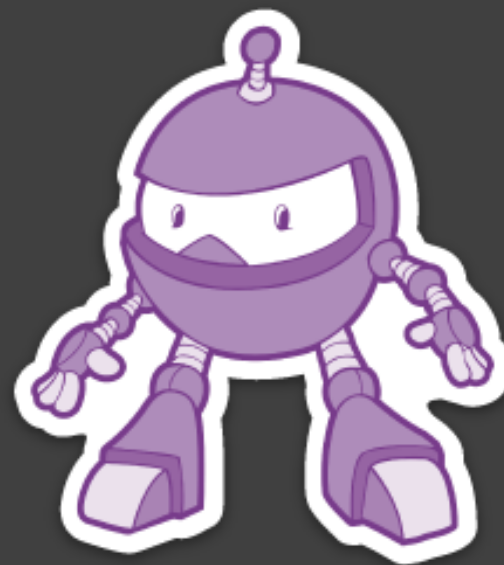
Microservices



Microservices



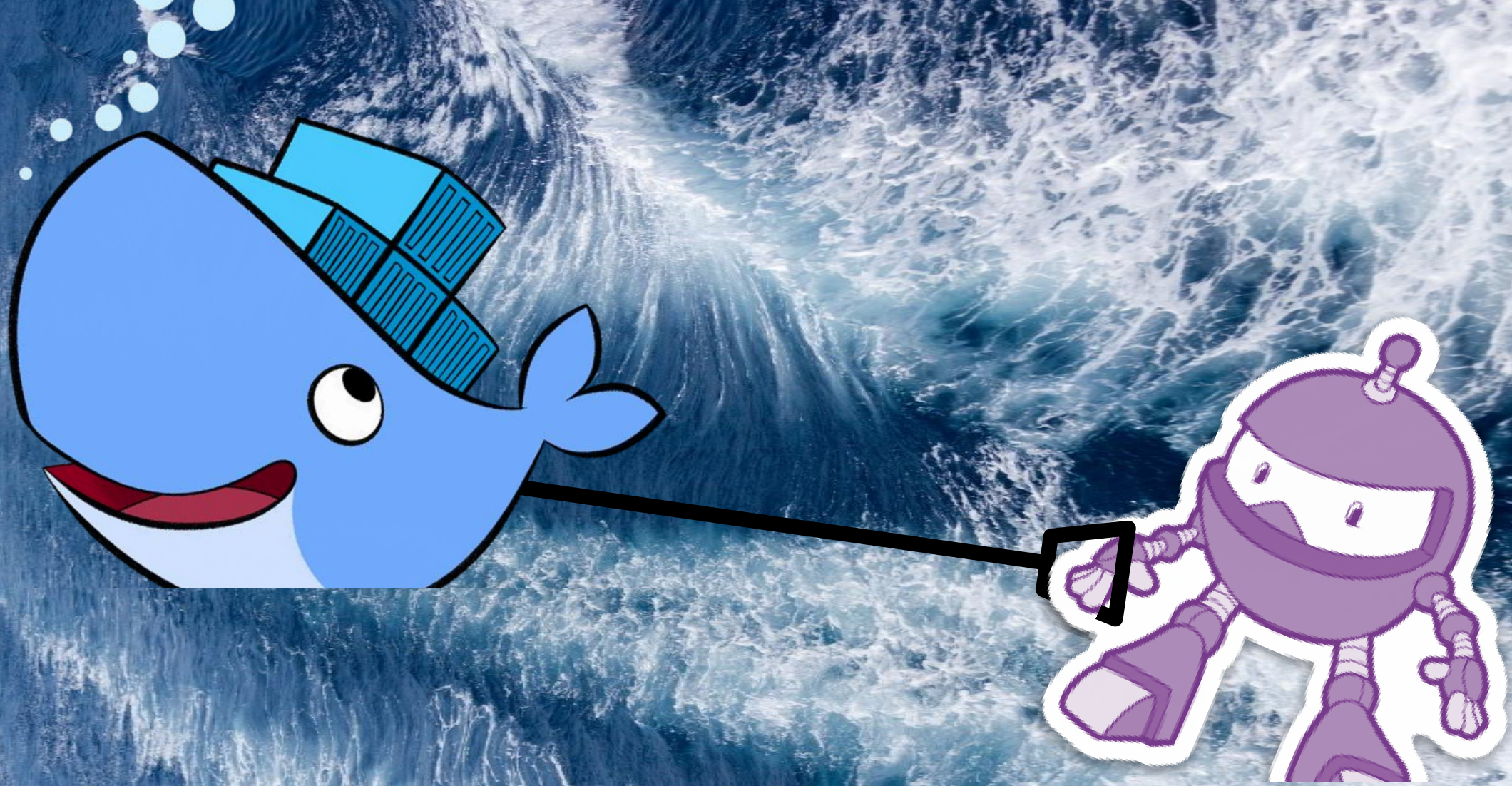
.NET Core



Docker



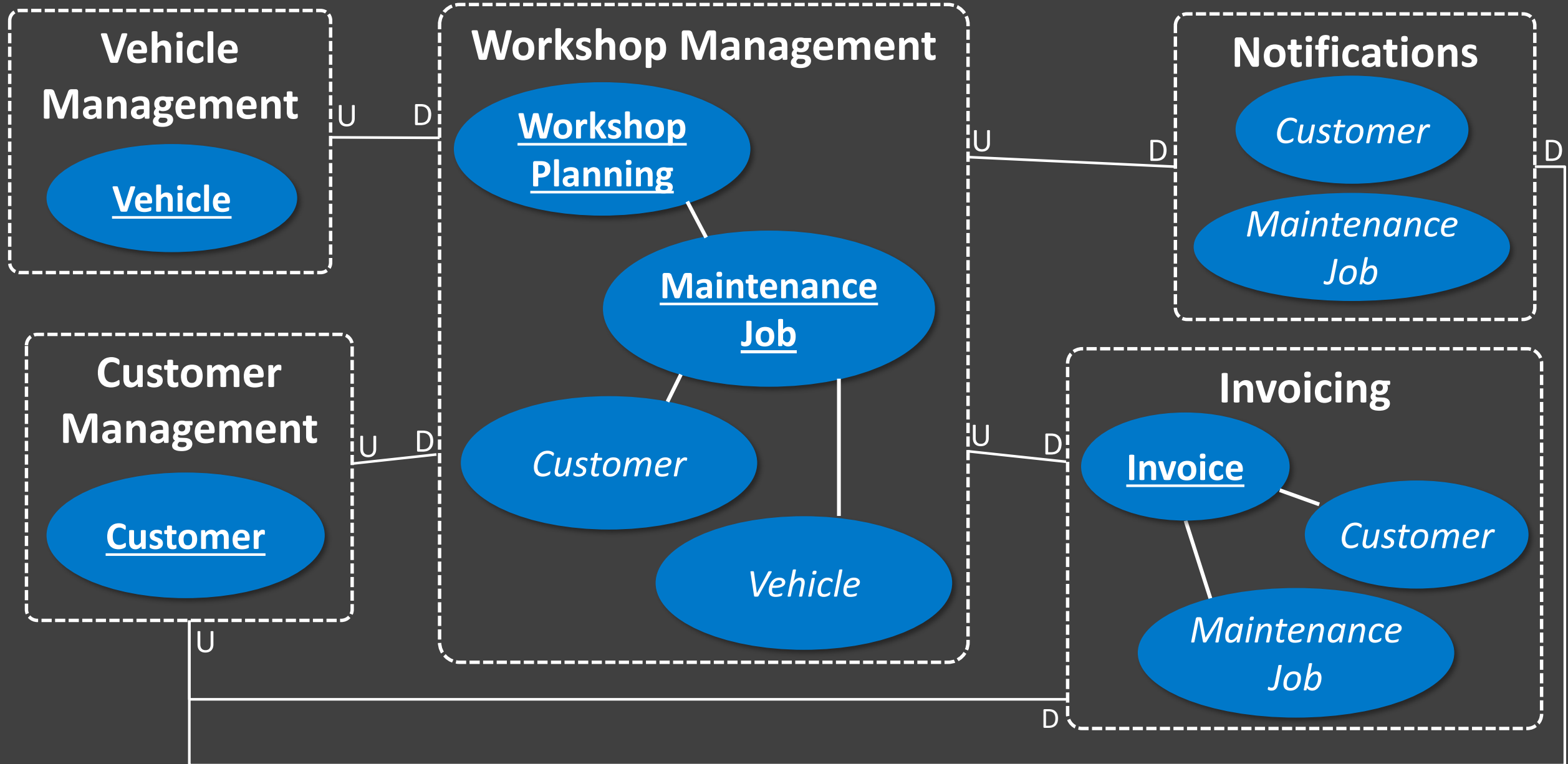




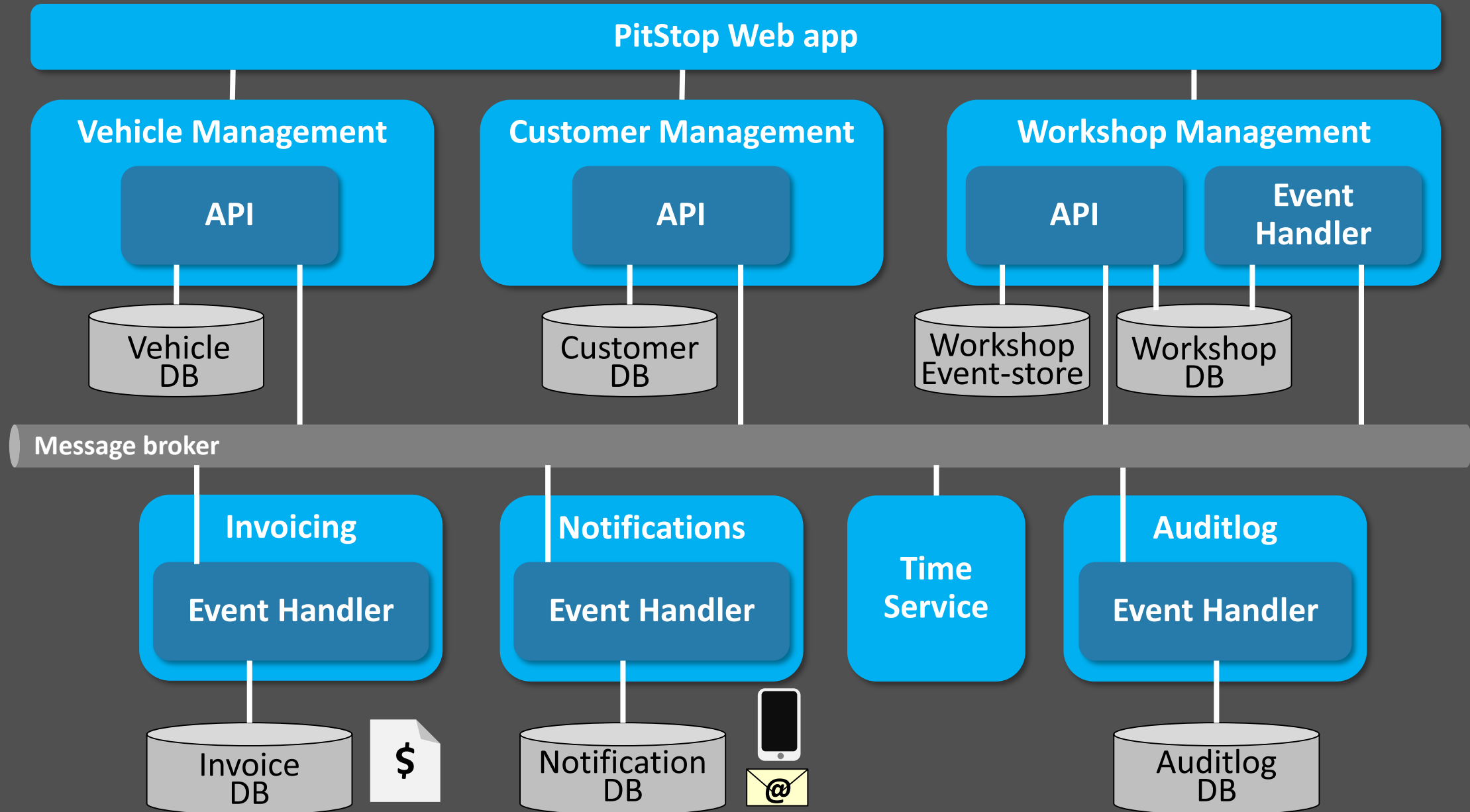
Sample application

- Pitstop - Garage Management system
 - Simplified domain of a garage / vehicle servicing station
- Technical details
 - Built using .NET Core / ASP.NET Core
 - Microservices / DDD / Event Driven / Event Sourcing
 - RabbitMQ as message-broker
 - SQL Server as RDBMS
 - Containerized using Docker
 - All Linux containers

Context map

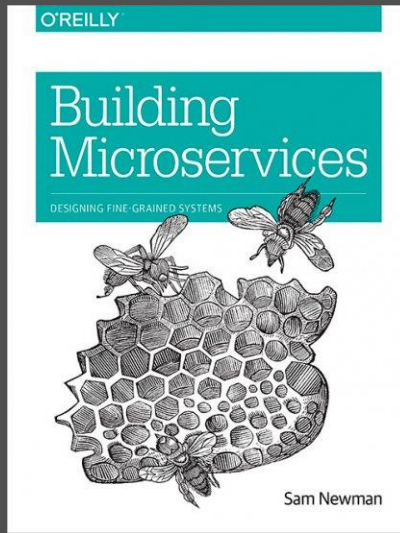


Solution Architecture

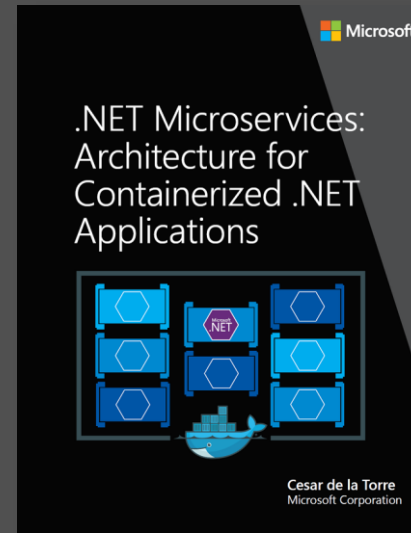




Resources

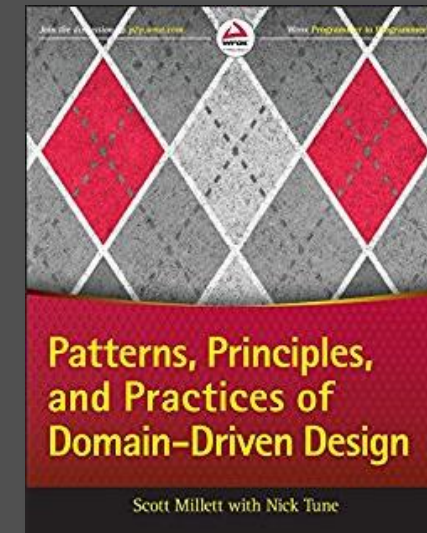


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<https://docs.microsoft.com/en-us/dotnet/standard/microservices-architecture/>

<https://www.microsoft.com/net/learn/architecture>



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Sample code: <https://github.com/EdwinVW/pitstop>

Thank you!

Edwin van Wijk

Principal Software Architect at *infoSupport*
Solid Innovator

@evanwijk

