

Microservices with Service Fabric

Easy... or is it?

Goals

Stateless and **Stateful** Services

Partitioning of Business Data

Message Patterns and Partitioning

Premise

A Tale of

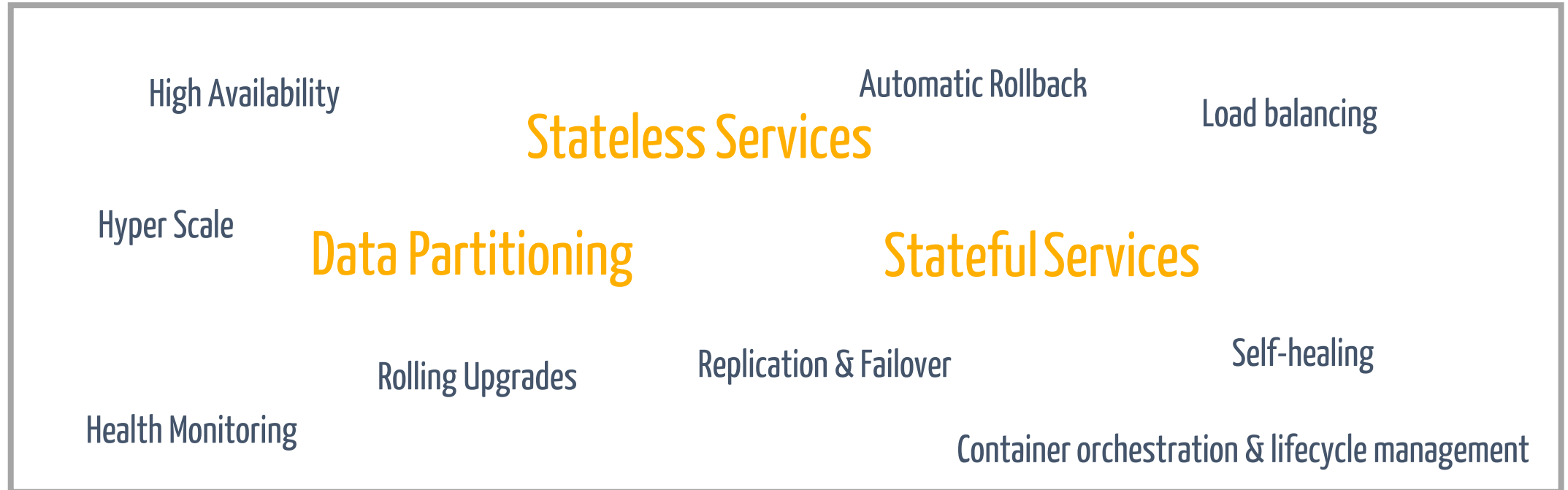
chocolate

Horrible death of easter bunnies



Karl's Sales Pitch

Our Chocolate Microservices



On-premises or in the cloud

<https://channel9.msdn.com/Blogs/Azure/Azure-Service-Fabric>

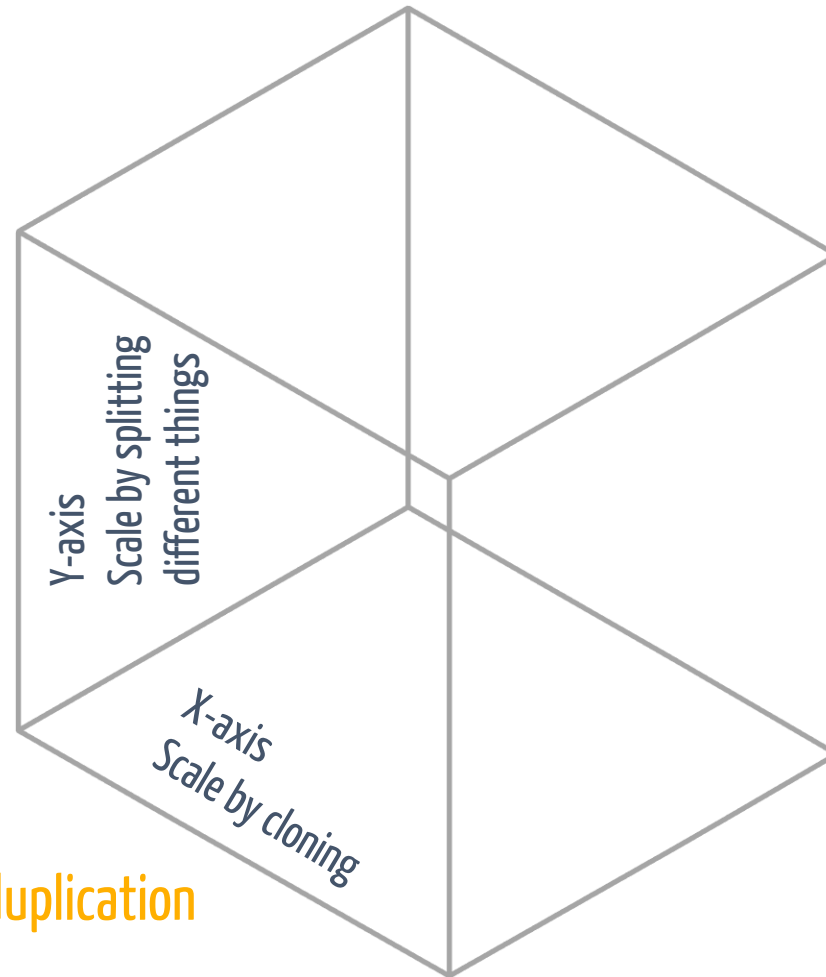
<https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-overview>

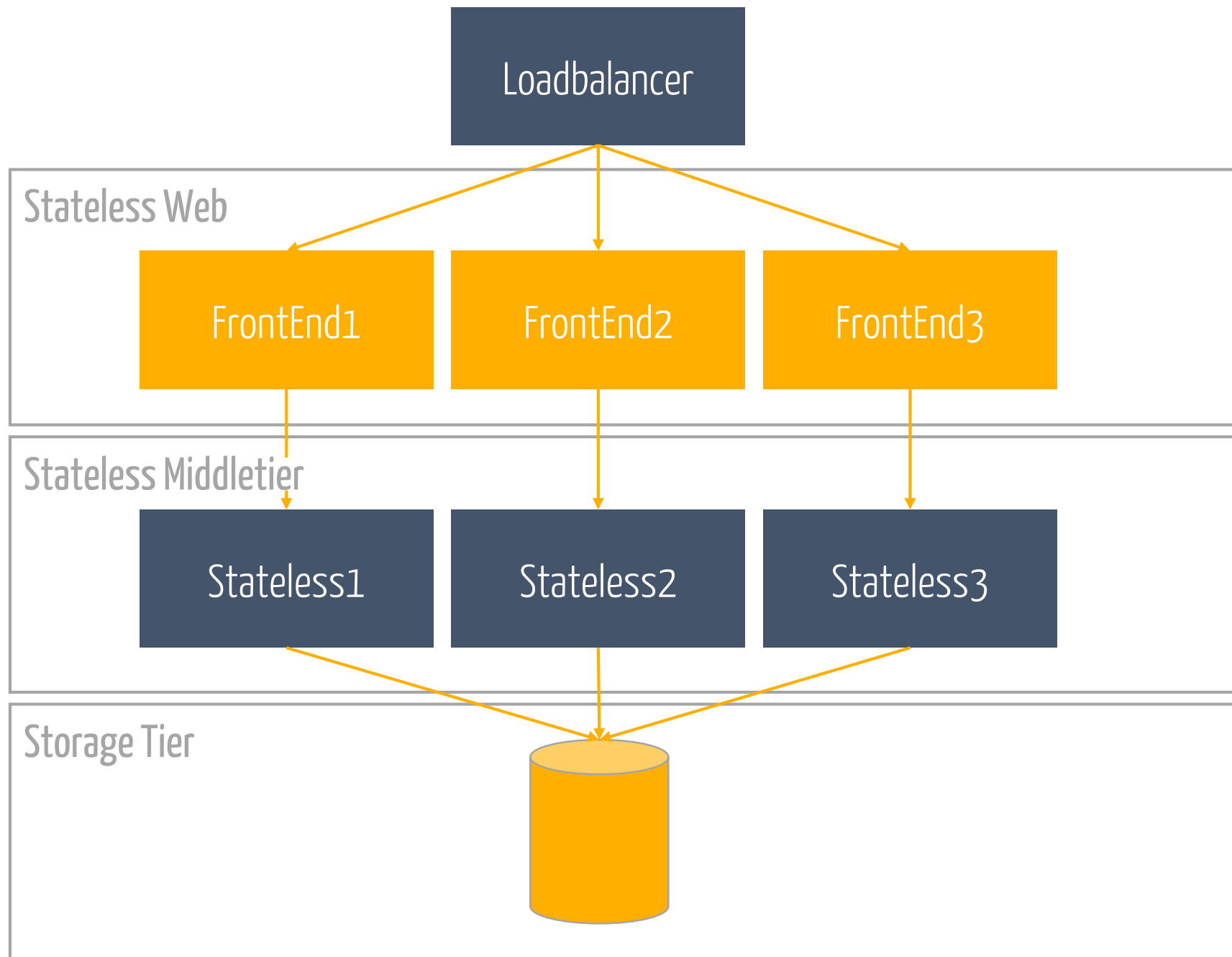
Demo

Let's scale
chocolate

Functional decomposition

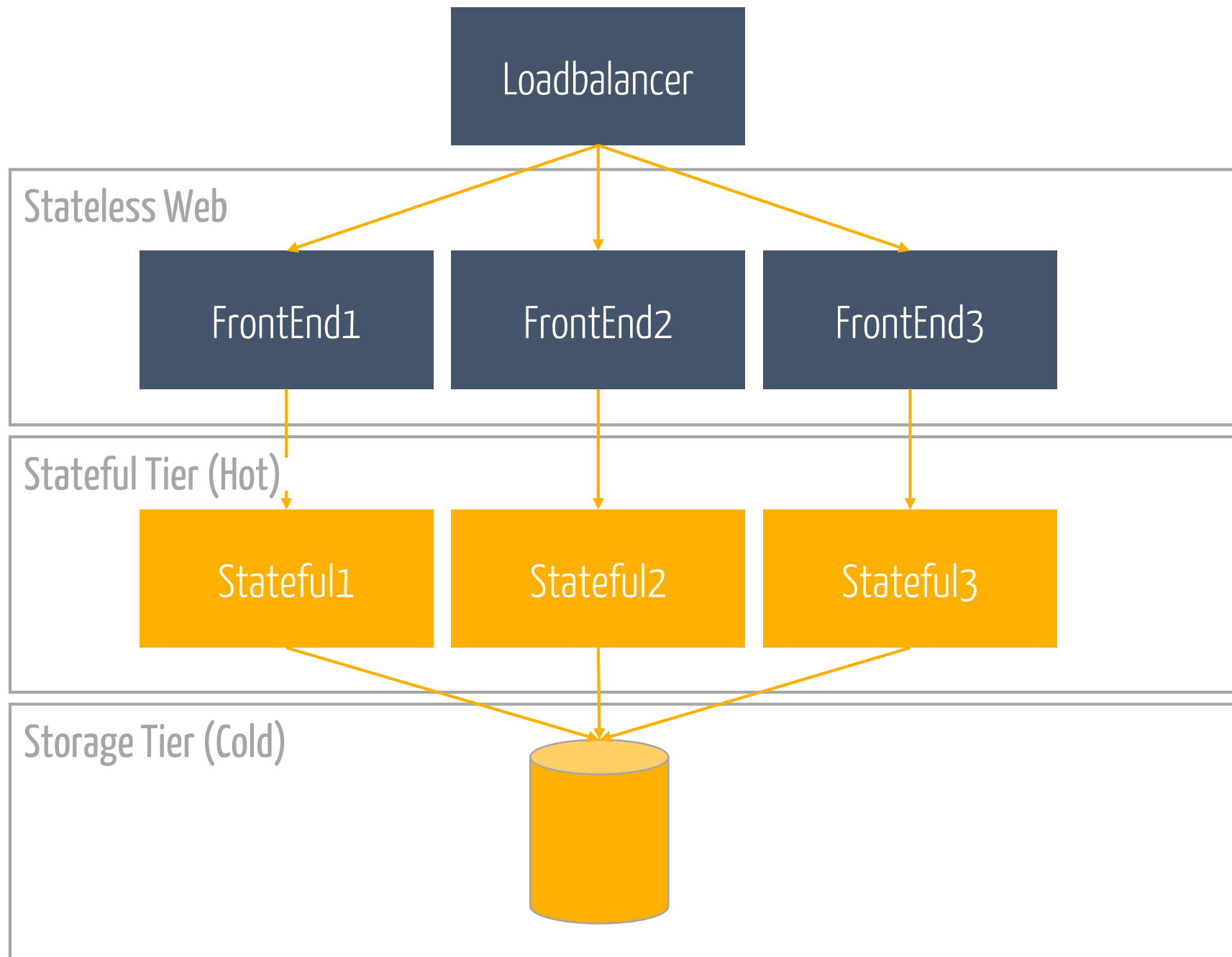
Horizontal duplication

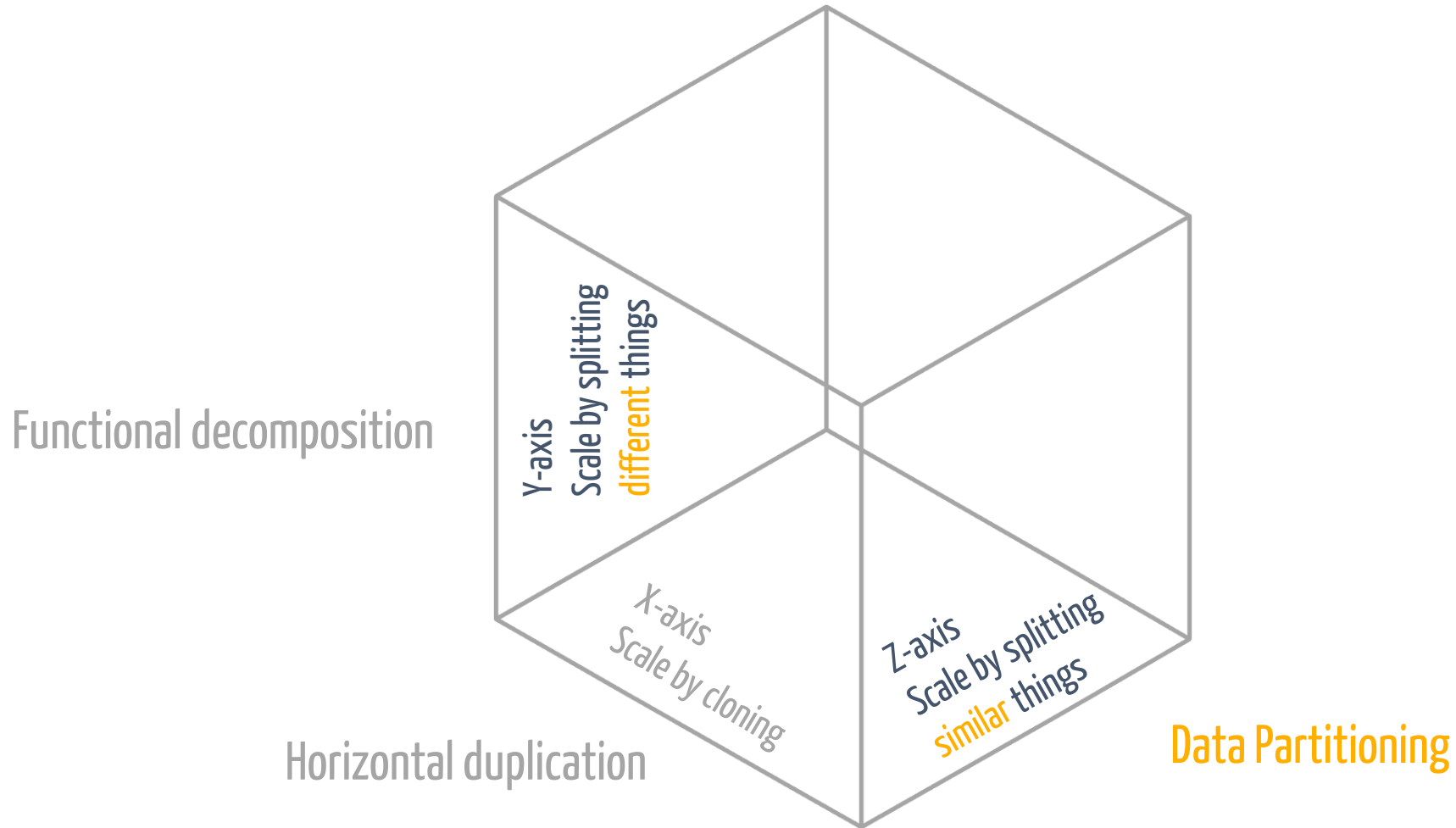


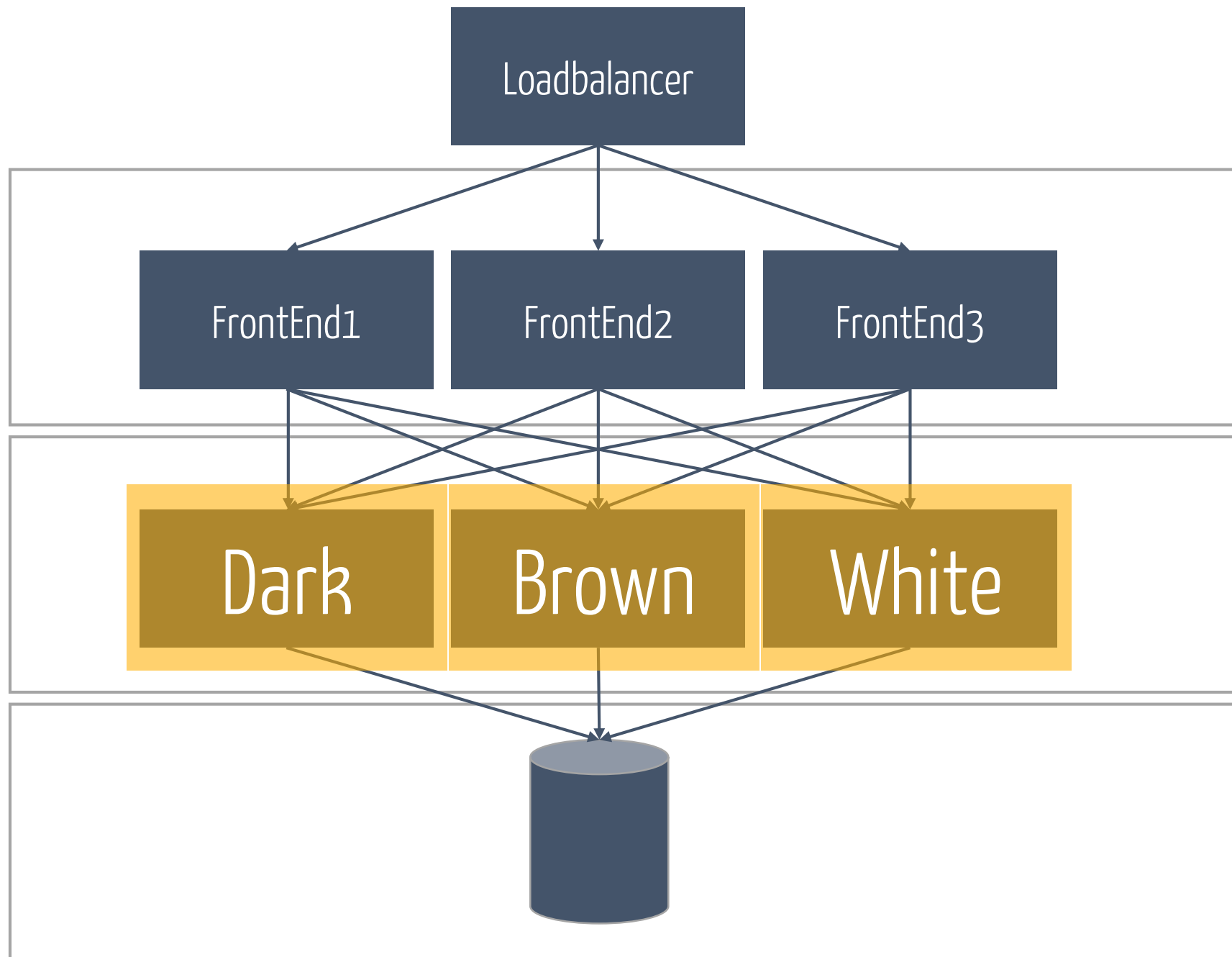


and then

Mandy spoke up

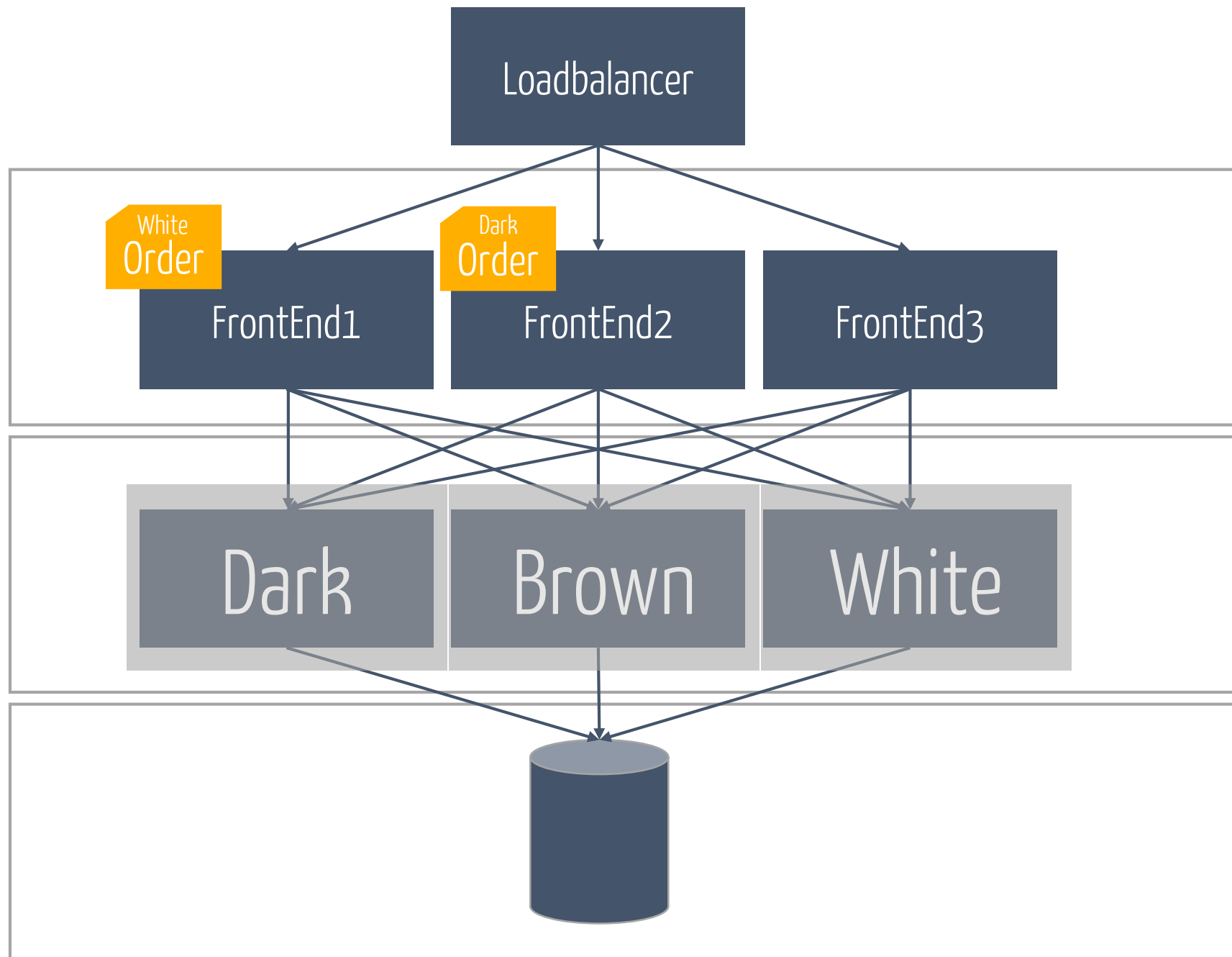






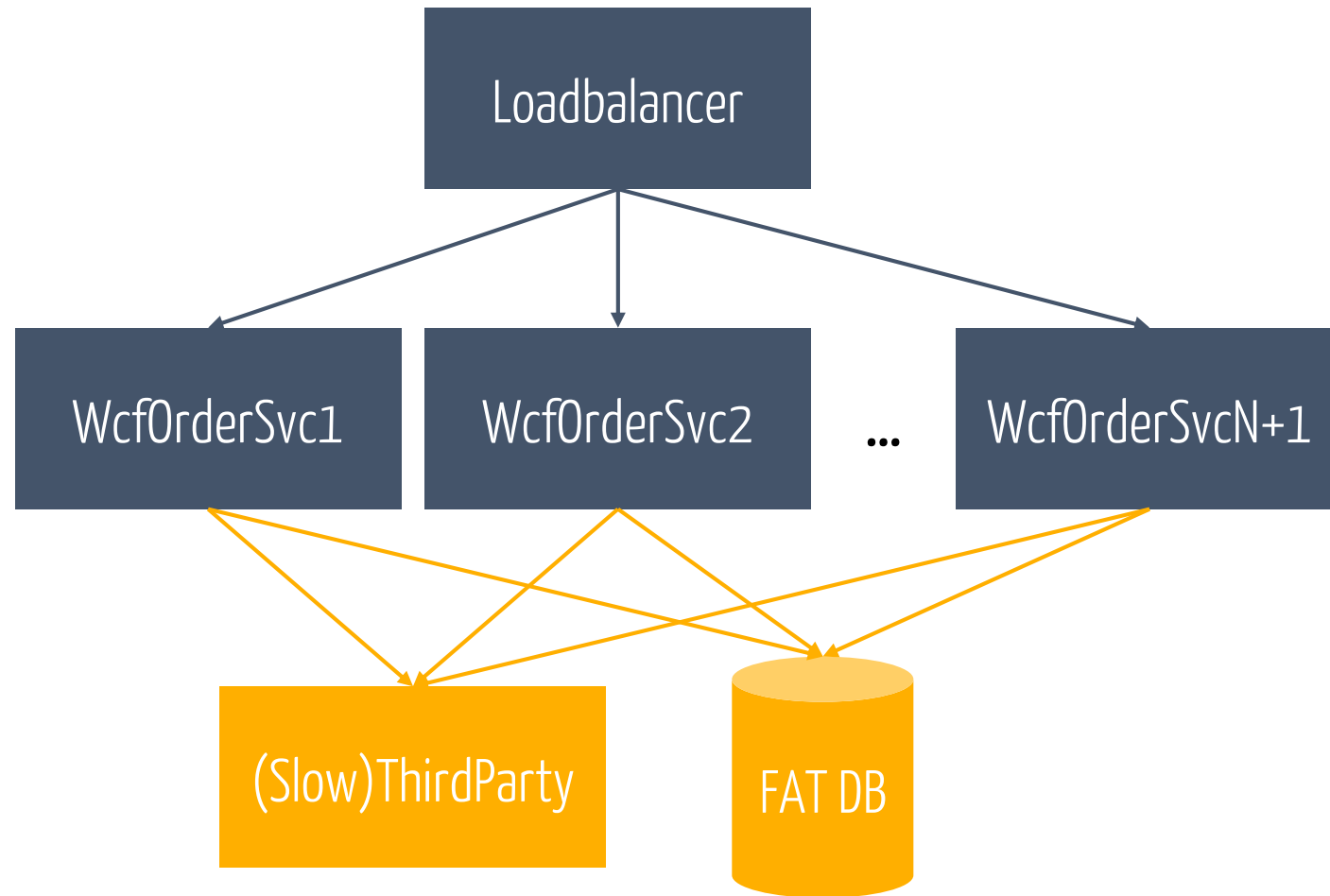
However

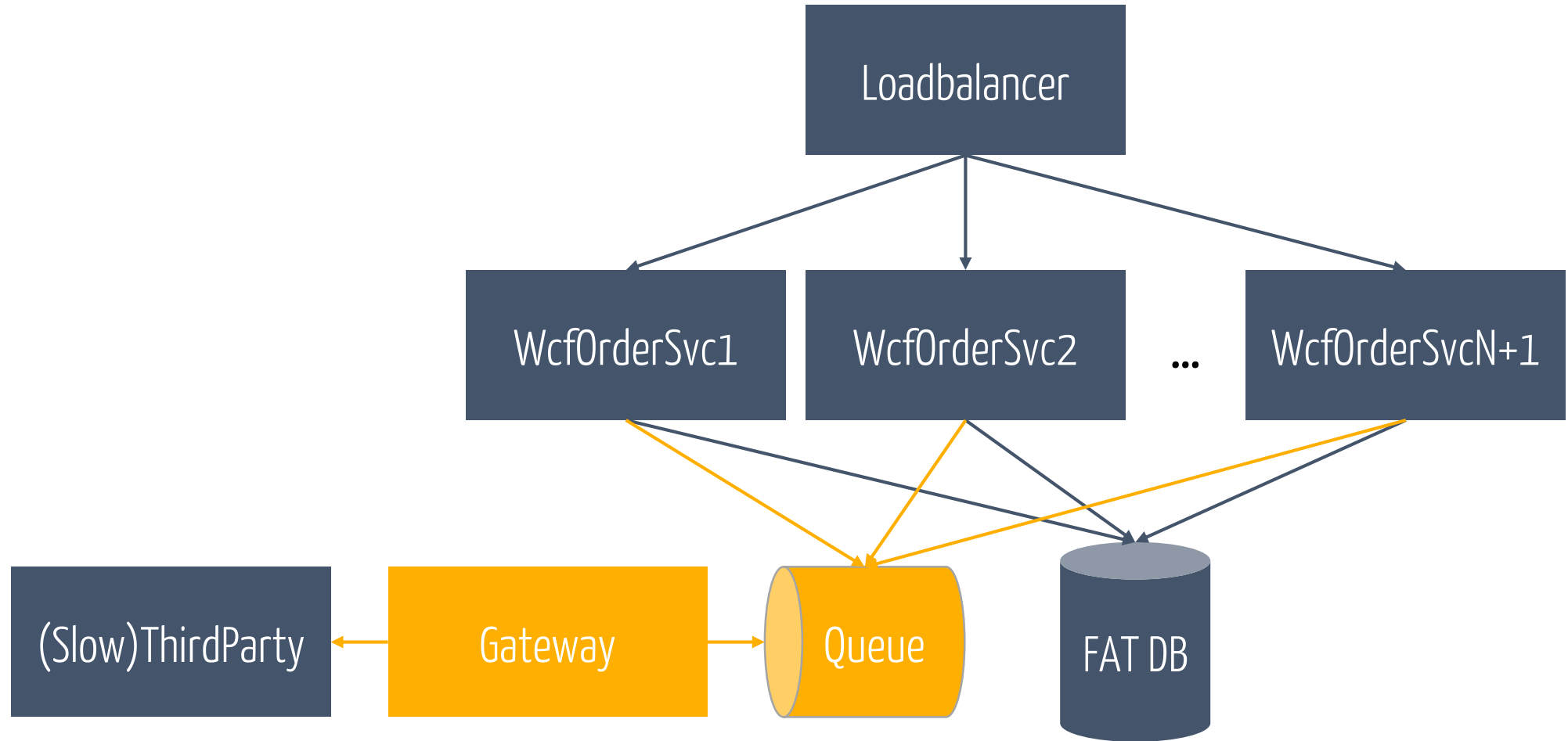
Joe couldn't understand it

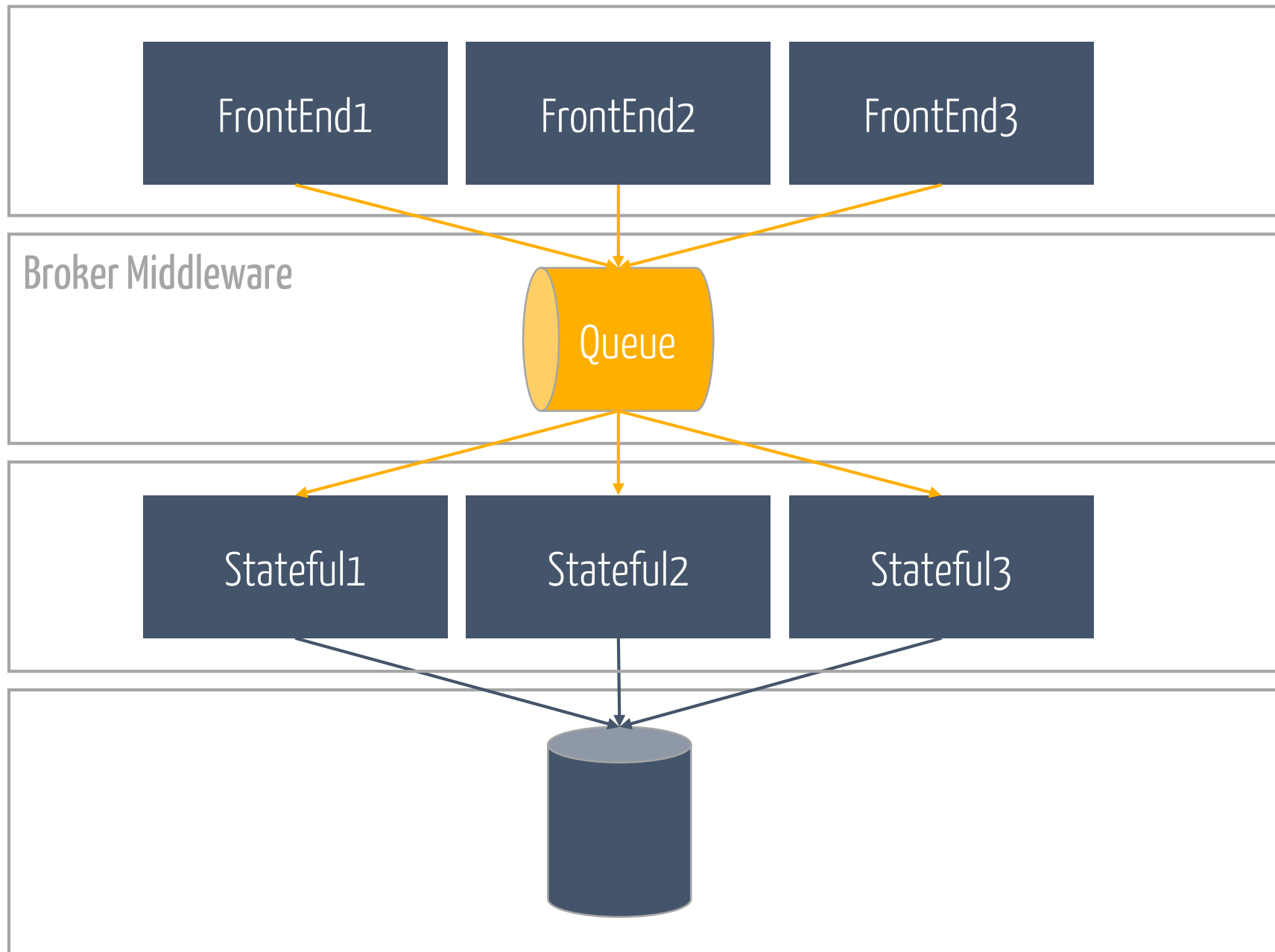


And then

Sophia threw a grenade





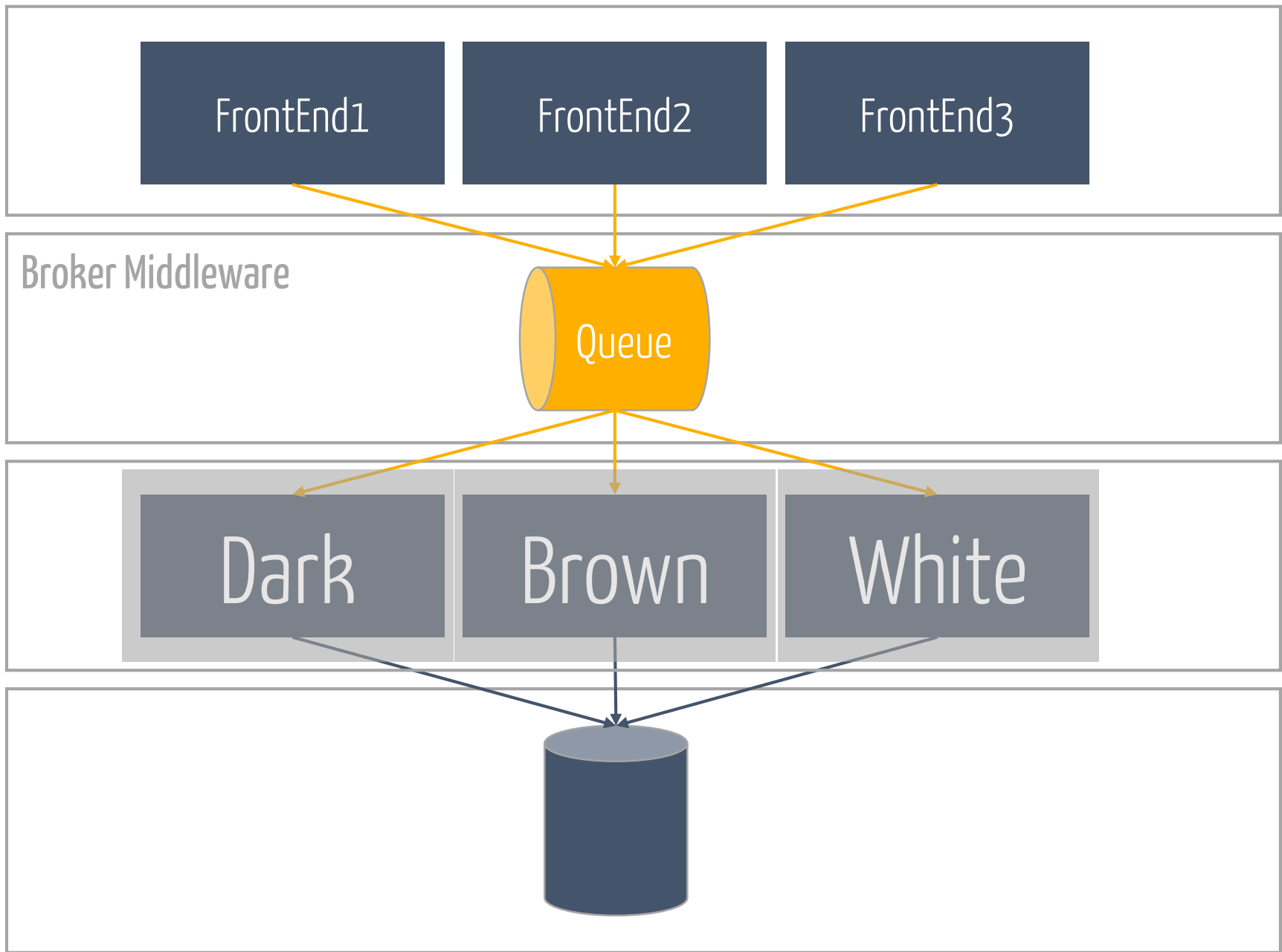


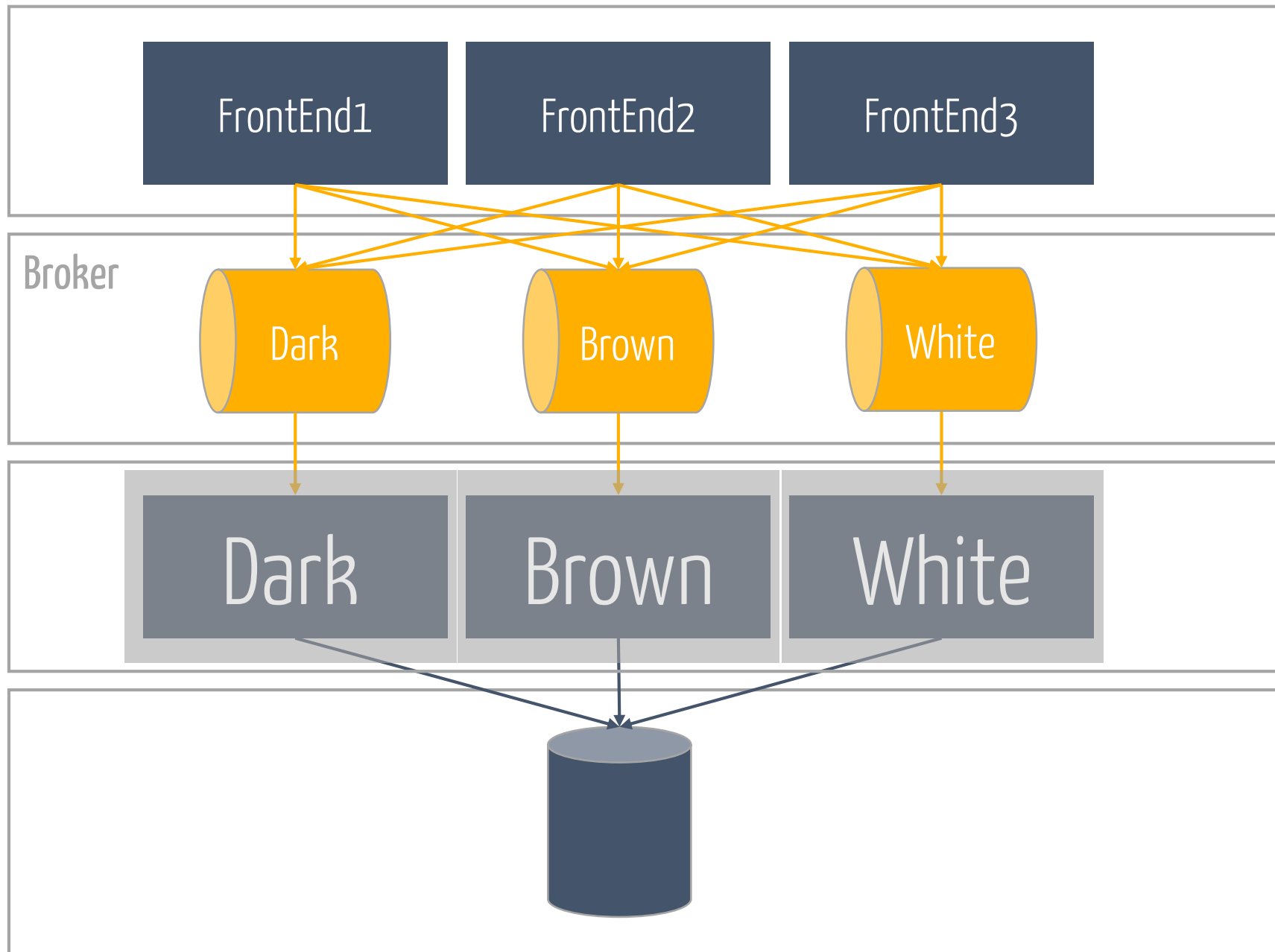
Peter snatches

the whiteboard markers

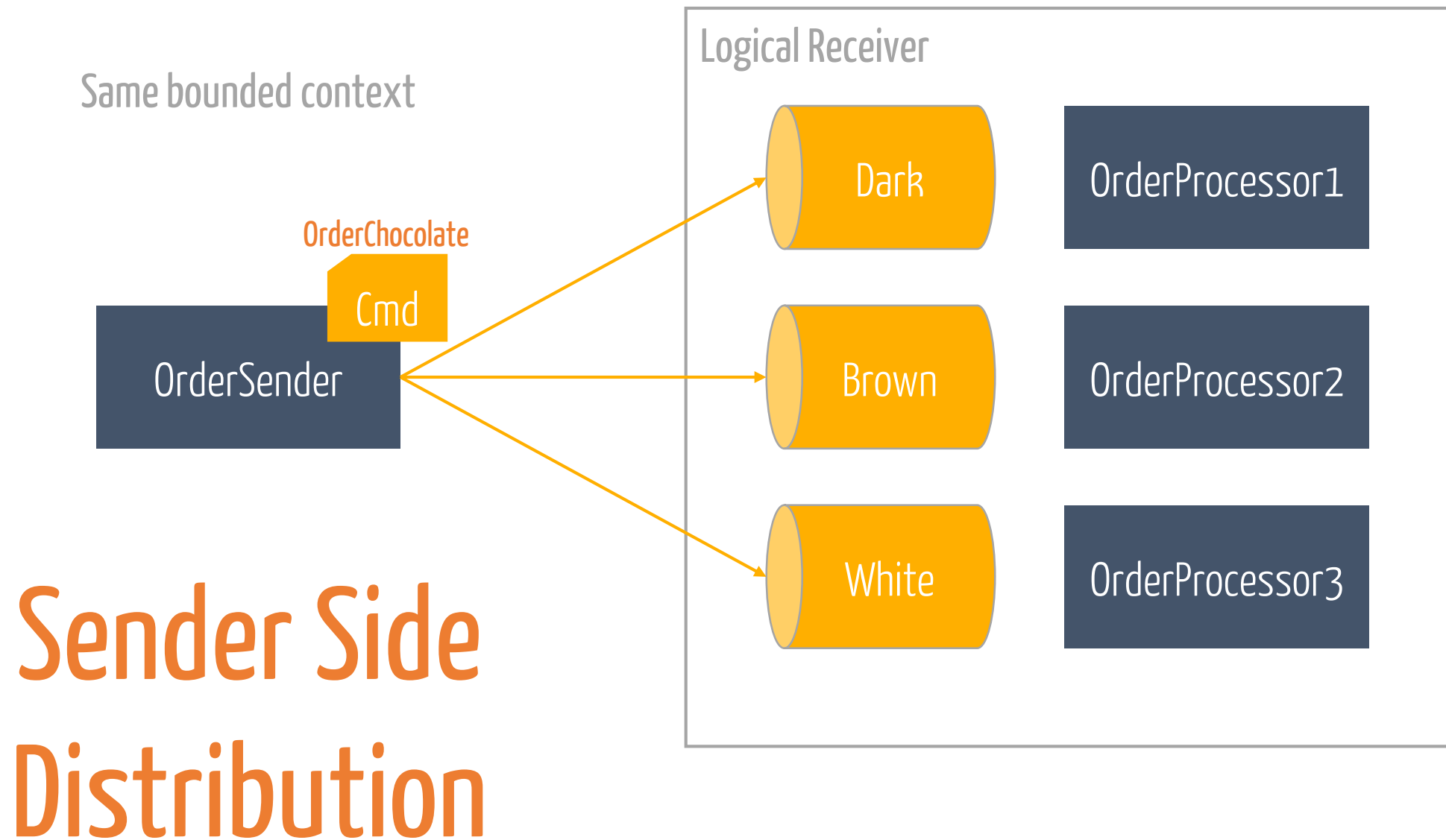
and furiously

screams





Commands



The PhD dude

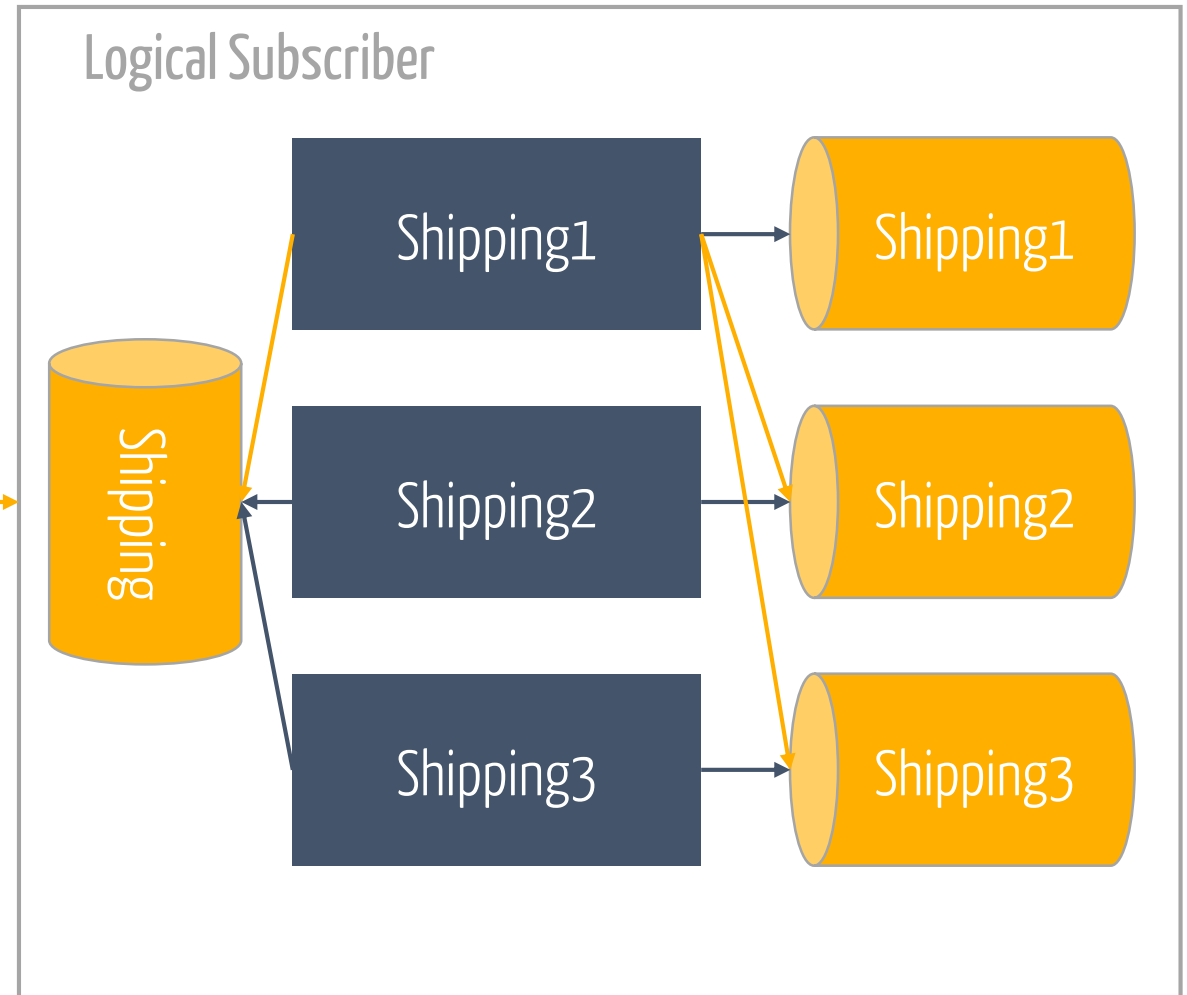
acts like a smart ass

Events

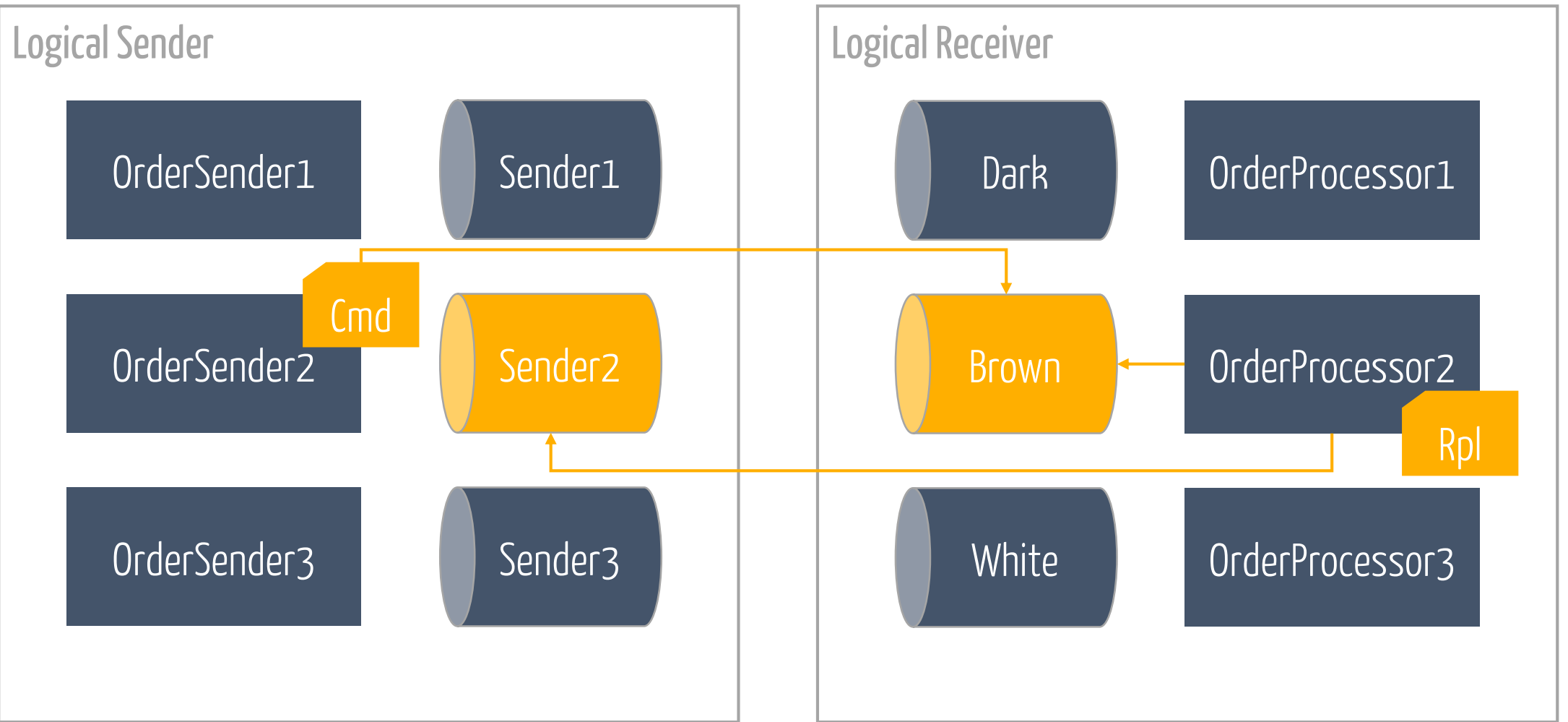
Different bounded context



Receiver Side Distribution



Request / Reply



Demo

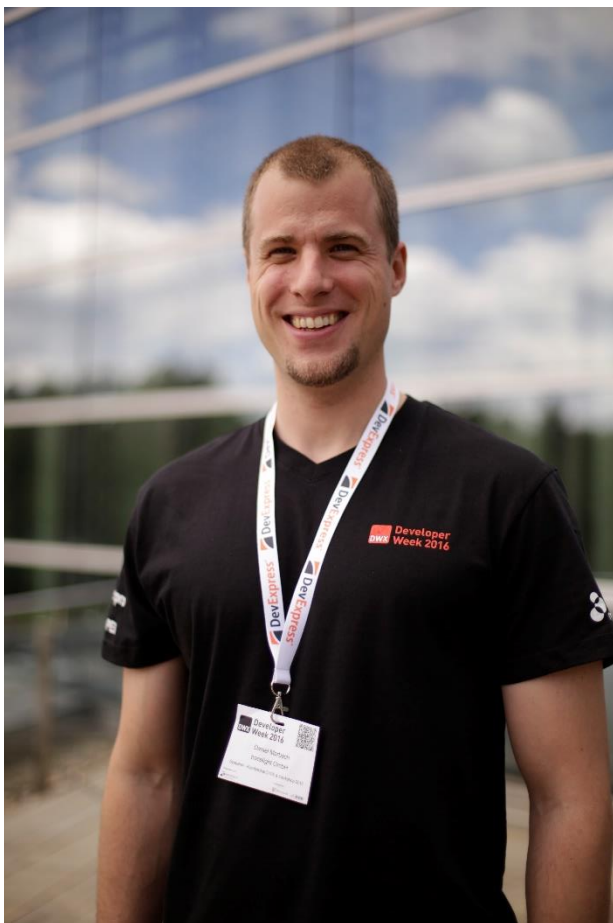
Recap

reminder

Slides, Links...

[github.com/danielmarbach/](https://github.com/danielmarbach/Microservices.ServiceFabric)Microservices.ServiceFabric

Q & A



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Thanks