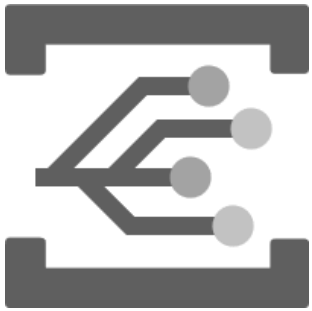


Deep Dive with Azure Service Bus

@danielmarbach

Events



Event Grid

Cross cloud reactive
eventing



Event Hubs

Big data streaming

Messages



Storage Queues

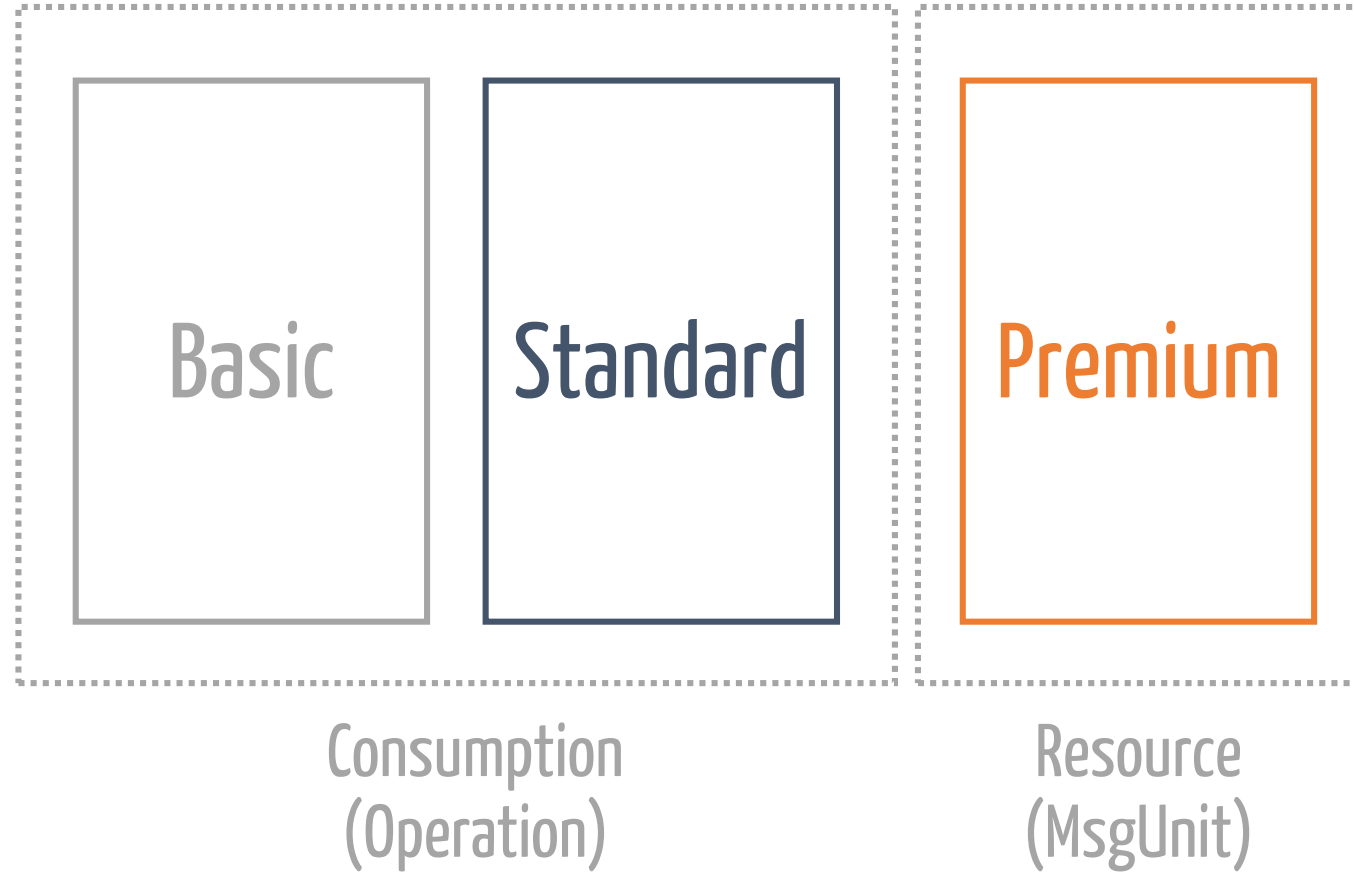
Simple task queues



Service Bus

Enterprise messaging

Tiers







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Microsoft Azure Service Bus

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Use this for Microsoft Azure Service Bus Queues, Topics, EventHub and Relay backend operations. It adds Microsoft.ServiceBus.dll along with related configuration files to your project. This library allows AMQP 1.0 to be used as one of the protocols for communication with Microsoft Azure... [More information](#)



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Windows Azure Storage

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This client library enables working with the Microsoft Azure storage services which include the blob and file service for storing binary and text data, the table service for storing structured non-relational data, and the queue service for storing messages that may be accessed by a client. For... [More information](#)



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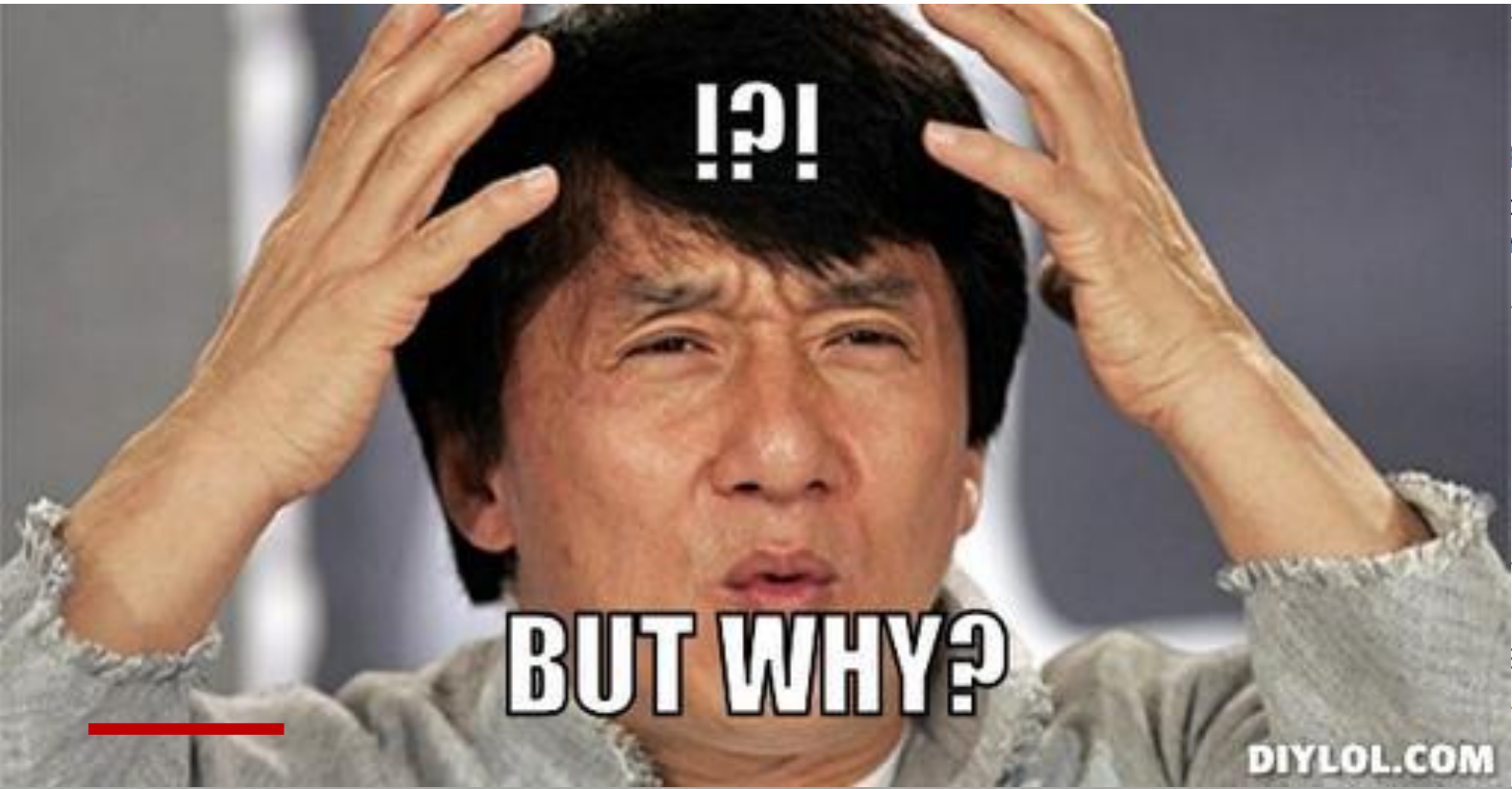
This is the next generation Azure Service Bus .NET Standard client library that focuses on queues & topics. For more information about Service Bus, see <https://azure.microsoft.com/en-us/services/service-bus/>

1

Windows
Microsoft
↓ 12,15
Use this
configu
inform

2

Microsoft
↓ 8
This
http



toFabric Messaging PubSub P...
dll along with related
rosoft Azure... [More](#)

ET AMQP IoT Queue Topic
tion about Service Bus, see

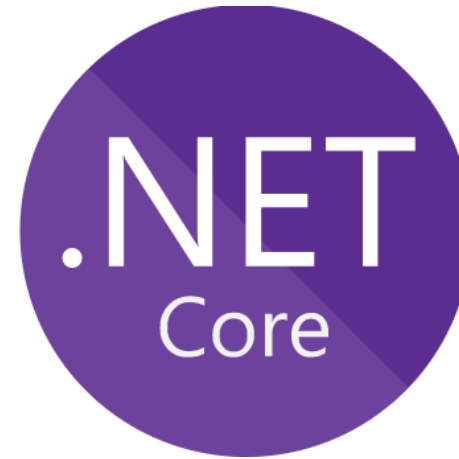
Microsoft ❤️ OpenSource

Microsoft.Azure.ServiceBus

.Net Standard



WindowsAzure.ServiceBus





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Microsoft.Azure.Management.ServiceBus  by: [azure-sdk](#) [Microsoft](#)

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Provides developers with libraries to create and manage Namespaces and manage Authorization Rules. Note: This client library is for ServiceBus under Azure Resource Manager.



github.com/azure/azure-sdk-for-net

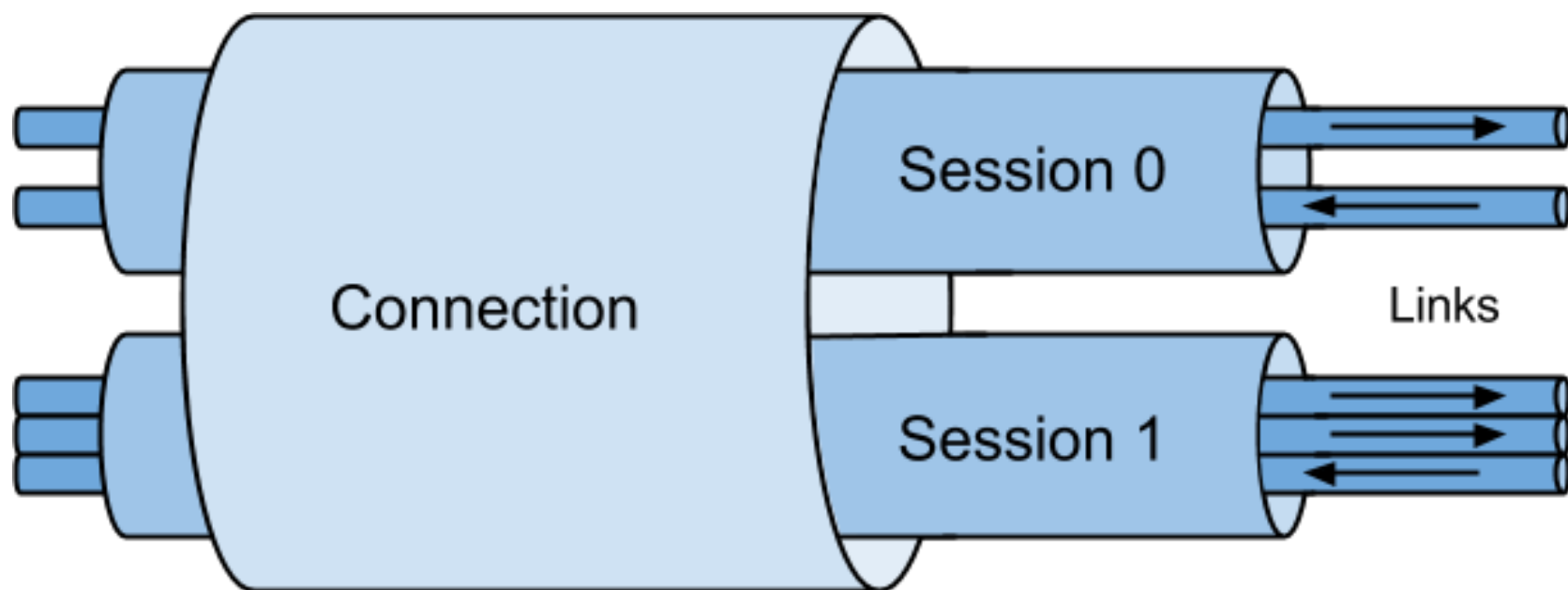
AMQP 1.0

Send

Receive

MessageSender
MessageReceiver

QueueClient
TopicClient
SubscriptionClient



Connections

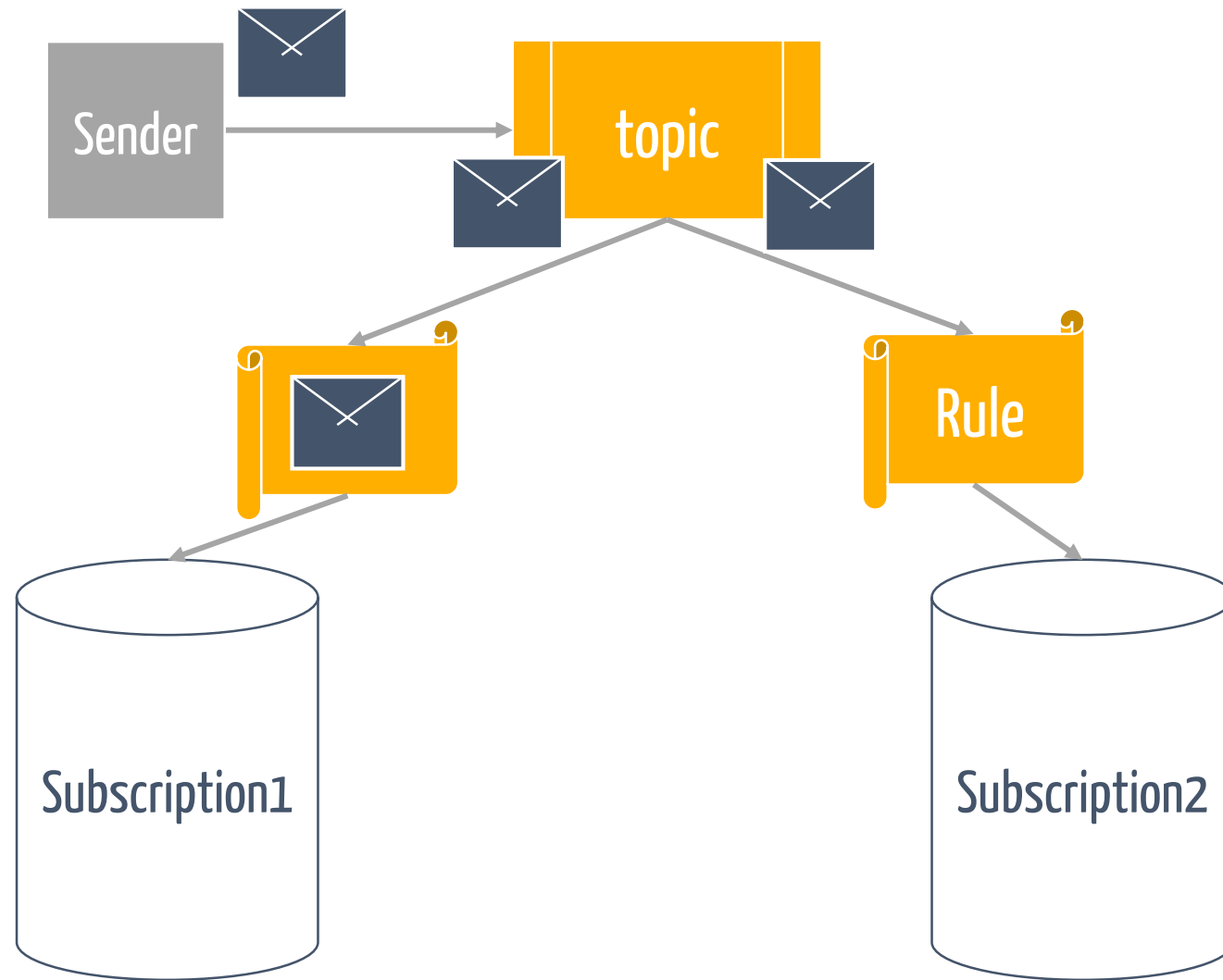
Scheduling

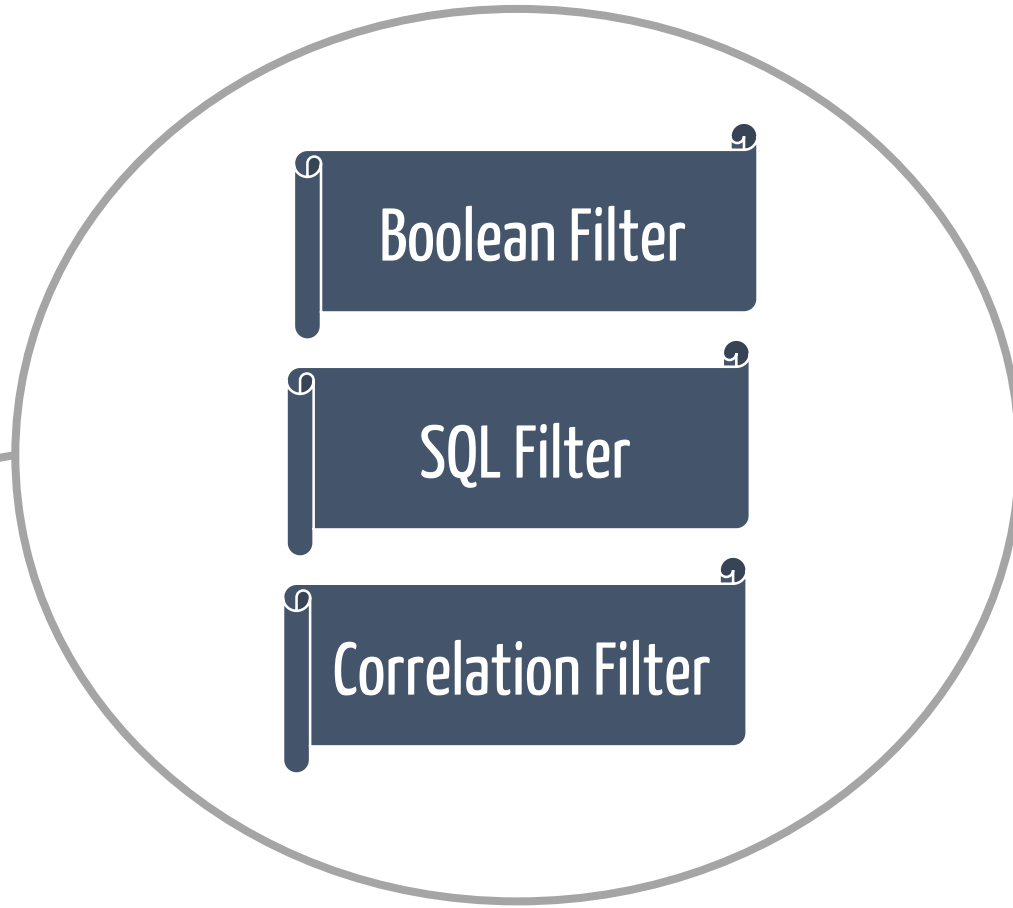
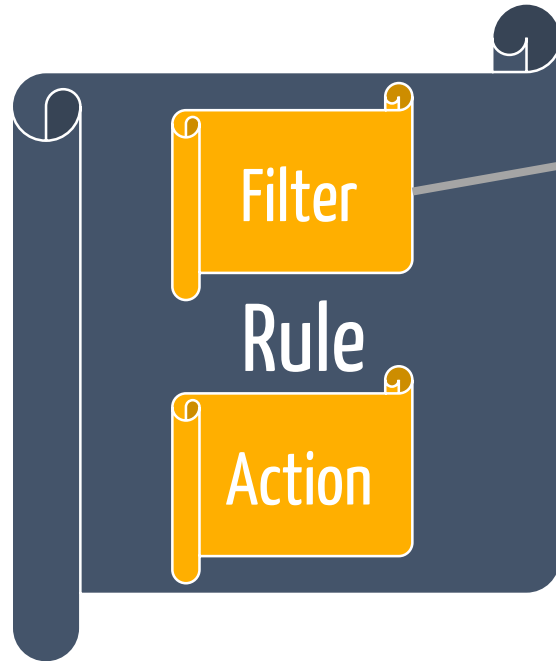
Expiry

Deadlettering

Forwarding

Pub/Sub

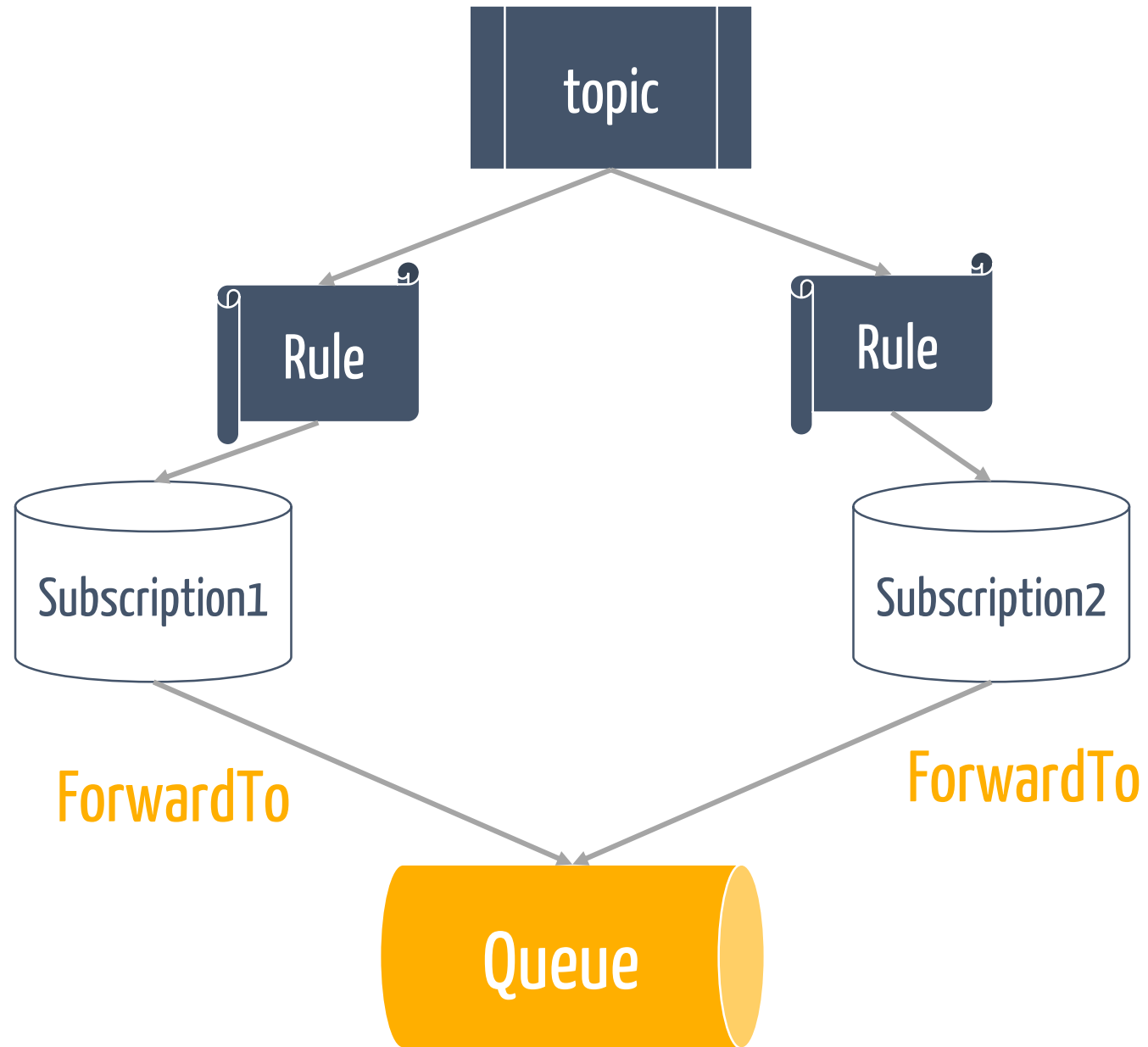




Favor Correlation filter over SQL filter

Subscriptions are **virtual queues** and
subscribers need to **receive** from them

Topologies



Atomic Sends

Batching

Upgrade to premium tier

Use `ServiceBus.AttachmentPlugin`

Send Via



Thanks

Slides, Links...

github.com/danielmarbach/AzureServiceBus.DeepDive

Q & A



Software Engineer
Microsoft MVP

@danielmarbach
particular.net/blog
planetgeek.ch

Thanks