

# Deep Dive with Azure Service Bus

@danielmarbach

## Events



### Event Grid

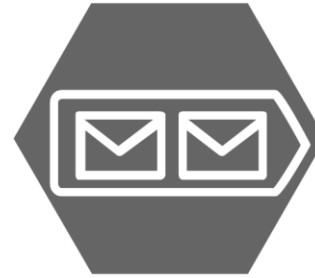
Cross cloud reactive  
eventing



### Event Hubs

Big data streaming

## Messages



### Storage Queues

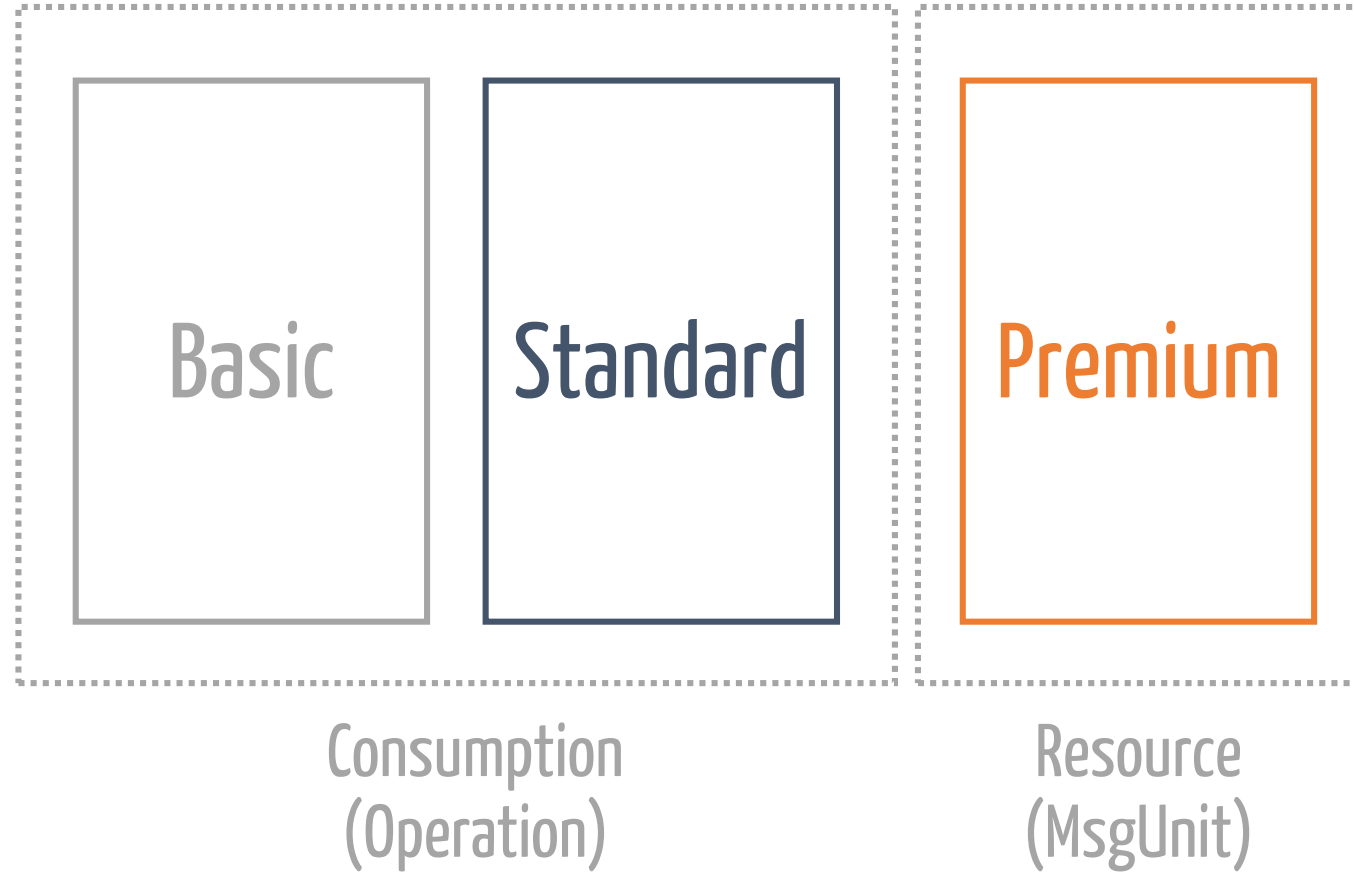
Simple task queues



### Service Bus

Enterprise messaging

# Tiers







# 2,905 packages returned for azure servicebus

☒ **Include prerelease**

## WindowsAzure.ServiceBus by: [microsoft nugetservicebus](#)

Microsoft Azure Service Bus

↓ 12,158,973 total downloads | ⌚ last updated 2 months ago | 📄 Latest version: 5.0.0 | 🔗 ServiceBus Microsoft Azure AppFabric Messaging PubSub P...

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](#)



## WindowsAzure.Storage by: [azure-sdk microsoft](#)

Windows Azure Storage

↓ 27,305,814 total downloads | ⌚ last updated 16 days ago | 📄 Latest version: 9.3.1 | 🔗 Microsoft Azure Storage Table Blob File Queue Scalable wind...

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](#)



## Microsoft.Azure.Jobs.ServiceBus by: [aspnet microsoft](#)

↓ 6,118 total downloads | ⌚ last updated 2014-08-21 | 📄 Latest version: 0.3.2-beta | 🔗 Microsoft Azure WebJobs Jobs ServiceBus

Legacy package, Microsoft.Azure.Jobs.ServiceBus is now included in the 'Microsoft.Azure.WebJobs.ServiceBus' package.



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

↓ 899,624 total downloads | ⌚ last updated 14 days ago | 📄 Latest version: 3.1.0 | 🔗 Azure Service Bus ServiceBus .NET AMQP IoT Queue Topic

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

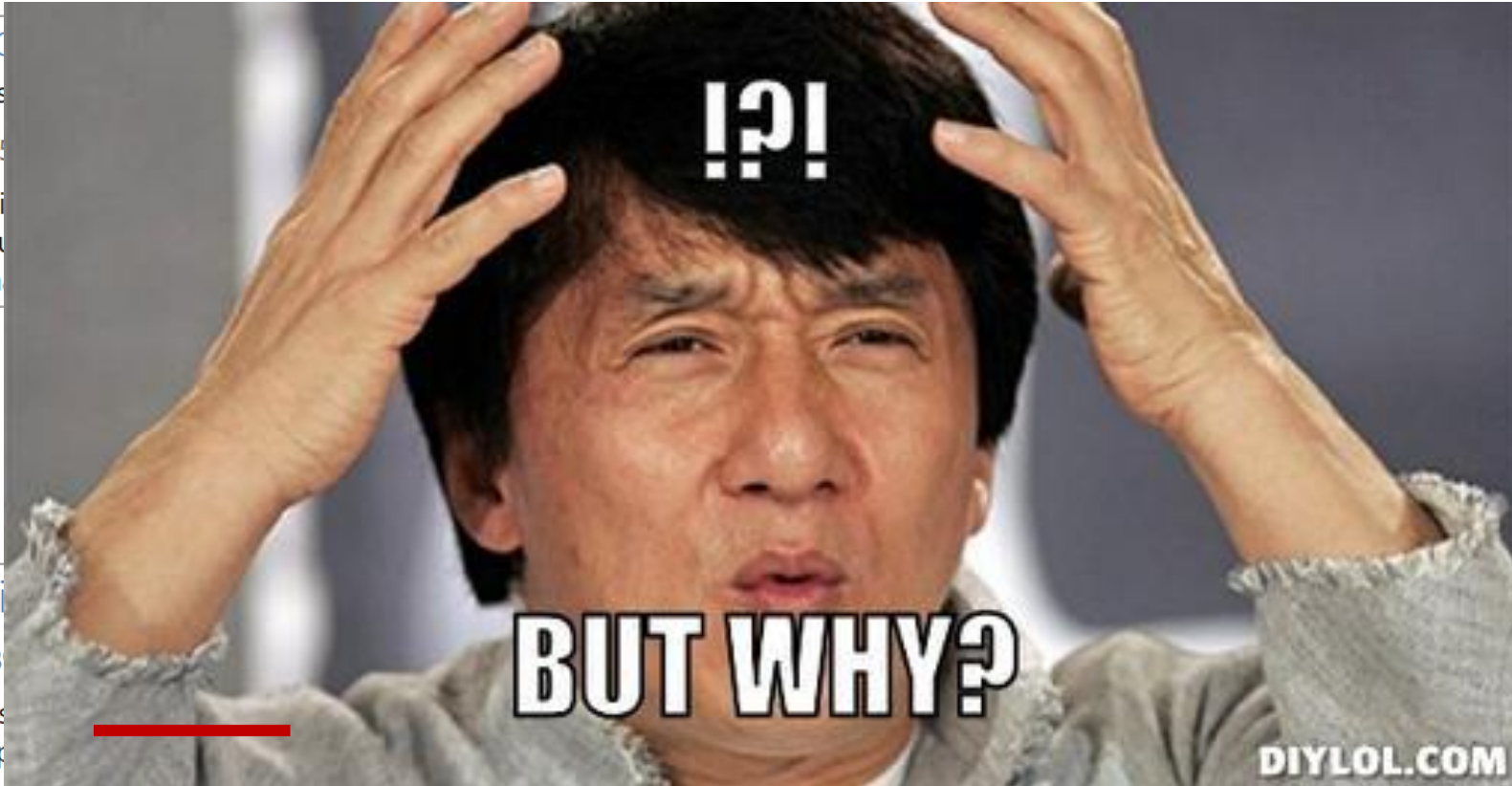
2



Microsoft

↓ 8

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http



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

ET AMQP IoT Queue Topic  
tion about Service Bus, see

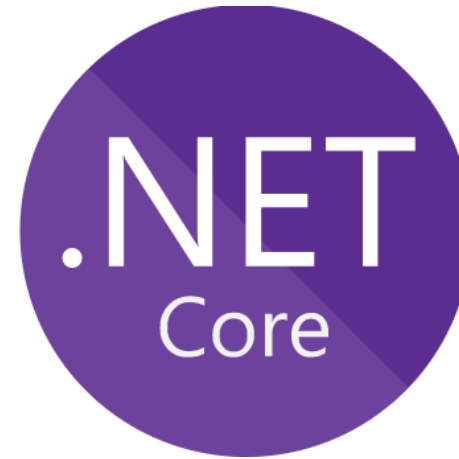
Microsoft ❤️ OpenSource

Microsoft.Azure.ServiceBus

.Net Standard



WindowsAzure.ServiceBus





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Legacy package, Microsoft.Azure.Jobs.ServiceBus is now included in the 'Microsoft.Azure.WebJobs.ServiceBus' package.



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

↓ 4,314,906 total downloads | ⌚ last updated 2 months ago | 📦 Latest version: 3.4.0 | 🔗 Azure Service Bus ServiceBus .NET AMQP IoT Queue Topic  
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/>



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

↓ 596,196 total downloads | ⌚ last updated 2 months ago | 📦 Latest version: 2.1.0 | 🔗 Microsoft Azure ServiceBus Management management SHA25...  
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](https://github.com/azure/azure-sdk-for-net)

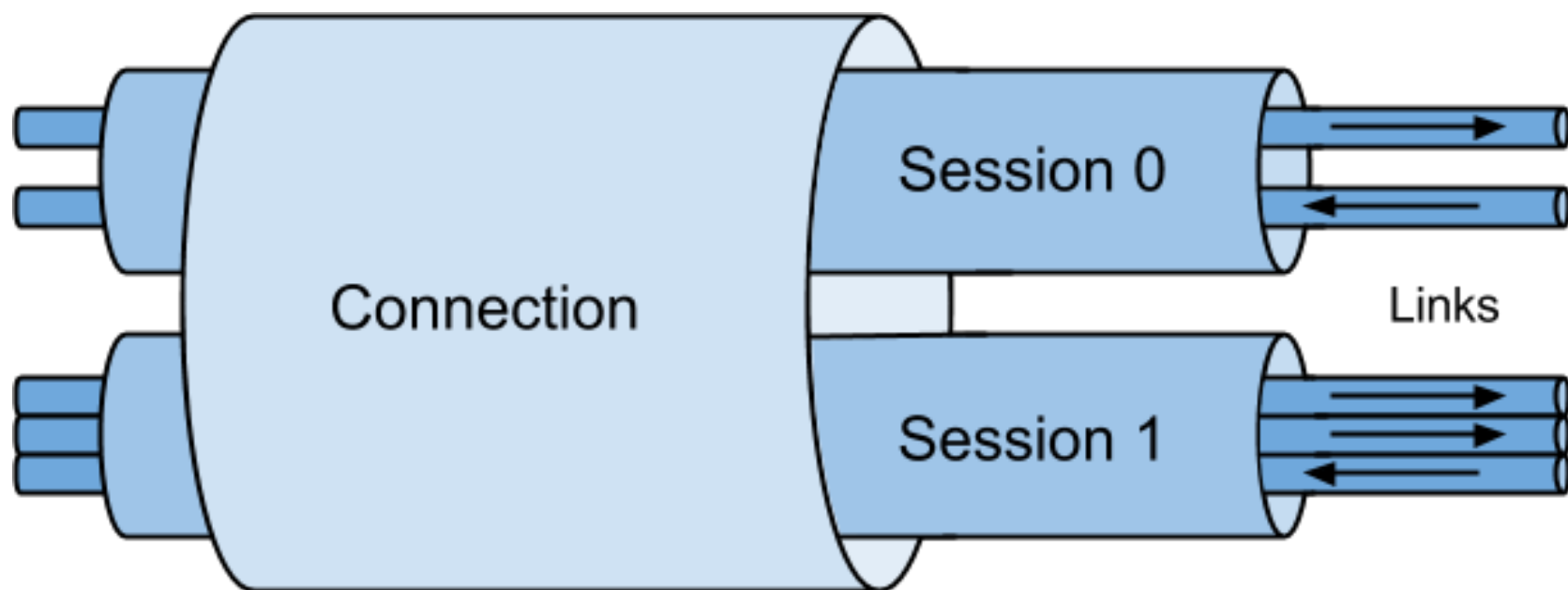
# AMQP 1.0

Send

Receive

MessageSender  
MessageReceiver

QueueClient  
TopicClient  
SubscriptionClient



# Connections

# Thanks



# Slides, Links...

[github.com/danielmarbach/AzureServiceBus.DeepDive](https://github.com/danielmarbach/AzureServiceBus.DeepDive)

# Q & A



Software Engineer  
Microsoft MVP

@danielmarbach  
[particular.net/blog](https://particular.net/blog)  
[planetgeek.ch](https://planetgeek.ch)

# Thanks