

### 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

Basic Standard Premium

Consumption (Operation)

Resource (MsgUnit)

# **B** nuget

nuget 🖰

### 2,905 packages returned for azure servicebus

**☑** Include prerelease



#### WindowsAzure.ServiceBus **⊘** by: microsoft nugetservicebus

Microsoft Azure Service Bus

± 12,158,973 total downloads Use last updated 2 months ago Use 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 Usual 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



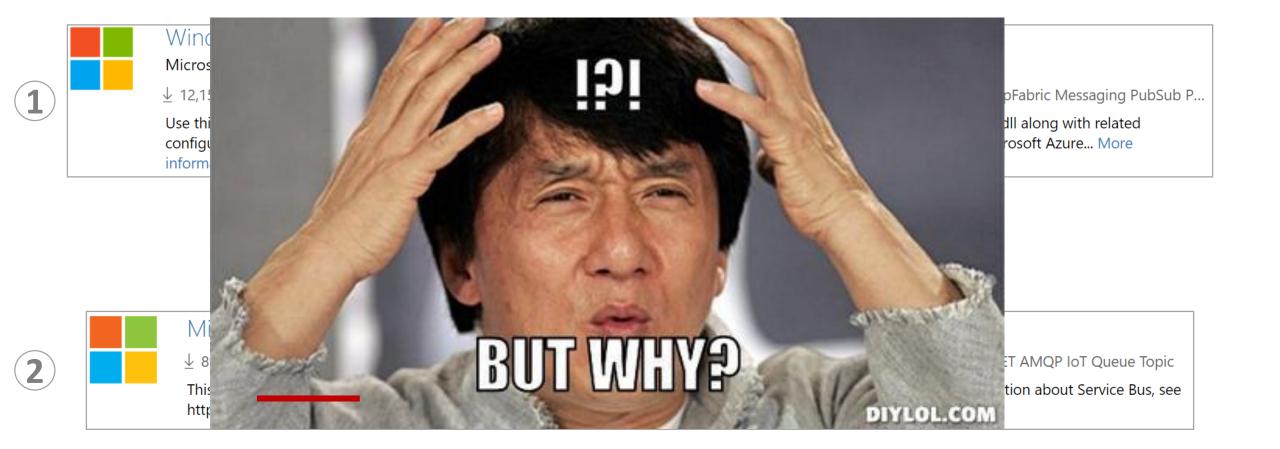
#### Microsoft.Azure.Jobs.ServiceBus by: aspnet microsoft

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



#### Microsoft.Azure.ServiceBus **⊘** by: microsoft azure-sdk nugetservicebus

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/



Nicrosoft OpenSource Microsoft.Azure.ServiceBus

### .Net Standard



WindowsAzure.ServiceBus



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✓ Include prerelease



Microsoft.Azure.Jobs.ServiceBus by: aspnet Microsoft

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



± 4,314,906 total downloads Usual last updated 2 months ago Usual last updated 3 months ago U

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

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

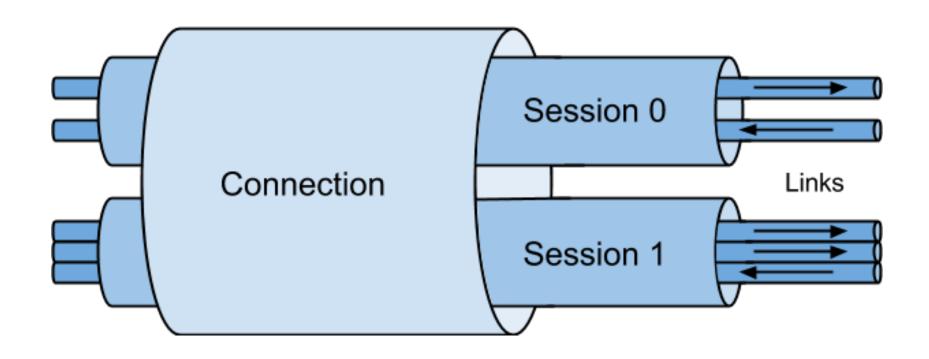
## AMQP1.0

## Send

## Receive

### MessageSender MessageReceiver

### QueueClient TopicClient SubscriptionClient



## Connections

# Scheduling

# 

# Deadlettering

# Forwarding.



## 

## Slides, Links...

github.com/danielmarbach/AzureServiceBus.DeepDive



# 





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