

Why you'll love Windows Azure SDK 2.0



brisbaneazure
user group

Paul Bower

@pbower | blog.paulbower.com

Like all of the other Windows Azure SDKs, the *Windows Azure SDK for .NET* is a fully *open source* project (Apache 2 license) hosted on *GitHub*.



web sites



demo



cloud services



demo



storage



demo



service bus

- Message Browse Support
Peek, Peek(fromSequenceNumber:int), PeekBatch(messageCount:int)
- Message Pump Programming Model
- Task Based APIs (async/await support in .NET 4.5)
- Autodelete on Idle
 - Minimum duration 5 minutes
- Suspend/Resume
Disabled, SendDisabled, ReceiveDisabled, Active
- Shared Access Signatures



demo



powershell

- Service Bus

 - Get-AzureSBNamespace

 - New-AzureSBNamespace

 - Remove-AzureSBNamespace

- Windows Azure Store

 - Get-AzureStoreAddOn

 - New-AzureStoreAddOn

 - Remove-AzureStoreAddOn

 - Set-AzureStoreAddOn

- Storage

- New-AzureStorageContainer
 - Get-AzureStorageContainer
 - Remove-AzureStorageContainer
 - Get-AzureStorageBlobContent
 - Set-AzureStorageBlobContent
 - Start-AzureStorageBlobCopy
 - Stop-AzureStorageBlobCopy

- Web/Worker Role Scaffolding

- New-AzureRoleTemplate
 - Add-AzureWebRole –TemplateFolder
 - Add-AzureWorkerRole –TemplateFolder



and more ...

Resources

- **Announcing the release of Windows Azure SDK 2.0 for .NET**
<http://weblogs.asp.net/scottgu/archive/2013/04/30/announcing-the-release-of-windows-azure-sdk-2-0-for-net.aspx>
- **Cloud Cover #106 - Scott Guthrie Discusses Windows Azure SDK 2.0**
<http://channel9.msdn.com/Shows/Cloud+Cover/Episode-106-Scott-Guthrie-Discusses-Windows-Azure-SDK-20>
- **Channel 9 - Subscribe! - What's new in the Service Bus .NET SDK 2.0**
<http://channel9.msdn.com/Blogs/Subscribe/Whats-new-in-the-Service-Bus-NET-SDK-20>

Resources

- **Windows Azure SDK 2.0 For .Net – Taking A Second Look At Windows Azure Diagnostics**

<http://gauravmantri.com/2013/05/12/windows-azure-sdk-2-0-for-net-taking-a-second-look-at-windows-azure-diagnostics/>

- **What is new in Service Bus 2.0?**

http://developers.de/blogs/damir_dobric/archive/2013/05/01/what-is-new-in-service-bus-2-0.aspx

- **Task Based APIs for Service Bus**

<http://blogs.msdn.com/b/windowsazure/archive/2013/04/11/task-based-apis-for-service-bus.aspx>

Resources

- **New features in Service Bus Preview Library (January 2013)**

- <http://haishibai.blogspot.de/2013/01/new-features-in-service-bus-preview.html>

- http://haishibai.blogspot.com.au/2013/01/new-features-in-service-bus-preview_27.html

- http://haishibai.blogspot.de/2013/01/new-features-in-service-bus-preview_29.html