

Assembly conflict

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Issue

Assembly conflict


Symptoms

Exception: System.Reflection.TargetInvocationException: Exception has been thrown by the target of an invocation. ---> System.TypeLoadException: Could not load type 'Microsoft.WindowsAzure.Storage.Blob.CloudBlob' from assembly 'Microsoft.WindowsAzure.Storage, Version=4.3.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35'.

Cause

The custom activity host exe keep using 4.3 storage assembly (also old json assembly) , we will ignore customer's assembly. Assembly load failed with exception.

Resolution

[Cross AppDomain .NET Activity](#)  Uses different assembly versions from ones used by the Data Factory launcher

From <https://docs.microsoft.com/en-us/azure/data-factory/data-factory-use-custom-activities> 

Customer can use custom activity cross AppDomain and in this domain customer can use whatever assembly they want.

Additional Information:

- **Icm References:**
- **Author:** tongwu
- **Reviewer:** vimals
- **Keywords:**

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