## Coding Azure Function (web)

From portal

Add new function

App Name, resource name

Difference between consumption plan and app service plan

Go ahead and add function app

Queue Trigger CSharp

Name – default

Queuename = messagein

Storage Account = Storage

Create

Switch to code view and show incoming myQueueItem variable as in (default for C#)

Switch to Integrate and select Blob

Output parameter outputBlob, connection string Storage, path messageout

What is rand-guid

Open csx file, add

out string outputBlob parameter and

outputBlob = myQueueItem code snippet

Save

Open Storage Explorer and under queues add messagein

Under Blob add messageout or show existing files

Add a message “Hello Jacksonville”

Switch back to browser and view run results

The message disappears and shows up as random Guid under Blob

## Coding Azure Function (Visual Studio)

Azure Functions VS 2015 Tools

* Preview (rough spots + limitations)
* Only works with VS2015 Update 3
* Azure 2.9.6 SDK <https://go.microsoft.com/fwlink/?LinkId=518003&clcid=0x409>
* VS Tools for Azure Functions <https://aka.ms/azfunctiontools>

Add new function App in VS

Add new function – QueueTrigger

Copy paste from csx to csx and integration (advanced) to function.json

Add an extra console write line and then deploy

## Console Application

Add console app program

Install Azure Azure Storage nuget package

Install Azure ConfigurationManager nuget package

<appSettings>

<add key="StorageConnectionString" value="UseDevelopmentStorage=true;" />

</appSettings>

Publish to web app

Publish as continuous

Show app settings in App

Add queue to message

Run

Show logs

Turn into a scheduled job with settings.job file

{

"schedule": "\*/30 \* \* \* \* \*"

}

## Webjobs SDK

Add Azure Webjob project

Run it with local storage will fail

Add live connection string and try

Add this parameter

[Blob("blobin/out.txt")] out string outputBlob

Add this line of code

outputBlob = message;