# New Project

Change FROM microsoft/aspnetcore:1.0.1

Qualify compose Image Name

F5

# Review Debug & Release Profiles

Docker Inspect – Volume Mapping for Debugging

Docker File Review

Compose Files Review

Docker exec -it [id] bash – Review Contents of Debug / Release

# Iterative Changes

F5 under debug

Change Razor – good – why

Review Compose.Debug for ENV

Change C# - Blocked

CTRL + F5

Change Razor – still good

Change C# - Nothing

Build – Process Dies

Explain DotNetWatch and File Notification Changes Missing

Manual Restart

docker exec -d [id] dotnet --additionalprobingpath /root/.nuget/packages bin/Debug/netcoreapp1.0/Web.dll

# Adding 8 Ball View

Add Views

Drag in Controller, View, SharedLayout

F5

Set Breakpoint – dohh, no service running

# Add 8 Ball Service

Binary Reference – Add Reference Comparison

Docker Images

Add to Compose

F5

# Add 8 Ball Source

Add New Project – under src

Add Docker Support

Dockerfile – FROM microsoft/aspnetcore:1.0.1

API as Startup

F5

View Values – It works

Drag in Controllers & Models

View Contents

F5

Browse to localhost:[Port]/Magic8Ball – notice no API

Set Startup Project – Notice {ServicePort}

Dynamic Ports – no 5000 needed

Open Compose File – Port "80"

# Test with Web Project

Add Web to API Compose File

## Test with Web calling API

Add Api to Web Compose File

# Recap

Developing in a container is real

Debugging & Edit & Continue /F5 …almost complete

Running on Linux now, Windows Coming

Also have Node w/VS Code debugging

Get Started today