# Sample 2

install-package servicestack.redis.core

version: '2'

services:

sample2:

image: sample2

build:

context: ./Sample2

dockerfile: Dockerfile

ports:

- "8000:80"

redis:

image: "redis"

ports:

- "6379:6379"

volumes:

- "d:/data:/data"

command: redis-server --appendonly yes

// GET api/values/5

[HttpGet("{id}")]

public string Get(int id)

{

var con = GetRedisConnectionString();

var manager = new RedisManagerPool(con);

using (var client = manager.GetClient())

{

return client.Get<string>(id.ToString());

}

}

// POST api/values

[HttpPost]

public int Post(string value)

{

var con = GetRedisConnectionString();

var manager = new RedisManagerPool(con);

var id = new Random().Next();

using (var client = manager.GetClient())

{

client.Set(id.ToString(), value);

}

return id;

}

private string GetRedisConnectionString()

{

//because of https://github.com/dotnet/corefx/issues/8768

var dnsTask = Dns.GetHostAddressesAsync("redis");

var addresses = dnsTask.Result;

var address = addresses[0].MapToIPv4().ToString();

return address;

}

# Sample 1

version: '2.1'

services:

redis:

image: "redis:latest"

ports:

- "6379:6379"

volumes:

- ./data:/data

# Sample 3

# escape=`

FROM microsoft/iis

SHELL ["powershell", "-command"]

RUN Install-WindowsFeature NET-Framework-45-ASPNET; `

Install-WindowsFeature Web-Asp-Net45;

EXPOSE 8000

RUN Import-module IISAdministration;

RUN mkdir C:\site; `

New-WebSite -Name 'Site' `

-Port 8000 -PhysicalPath "C:\site" `

-ApplicationPool '.NET v4.5'

RUN Import-module WebAdministration; `

Set-ItemProperty ('IIS:\AppPools\.NET v4.5') -name "enable32BitAppOnWin64" -Value "true"; `

Set-ItemProperty ('IIS:\AppPools\.NET v4.5') -name "managedRuntimeVersion" -Value "v4.0";

RUN & c:\windows\system32\inetsrv\appcmd.exe unlock config /section:system.webServer/handlers;

ADD webstore/ /site

RUN regsvr32 /s c:\site\CartTrans070013.dll

RUN regsvr32 /s c:\site\WebPublishing070013.dll

# Sample 4

FROM microsoft/windowsservercore

ARG source=./POS

WORKDIR /app

EXPOSE 2003

COPY $source .

ENTRYPOINT ["POSServiceConsole.exe"]