

RCK INSTALLATION

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RCK Web App is currently in development and requires an ISS Express Environment to run

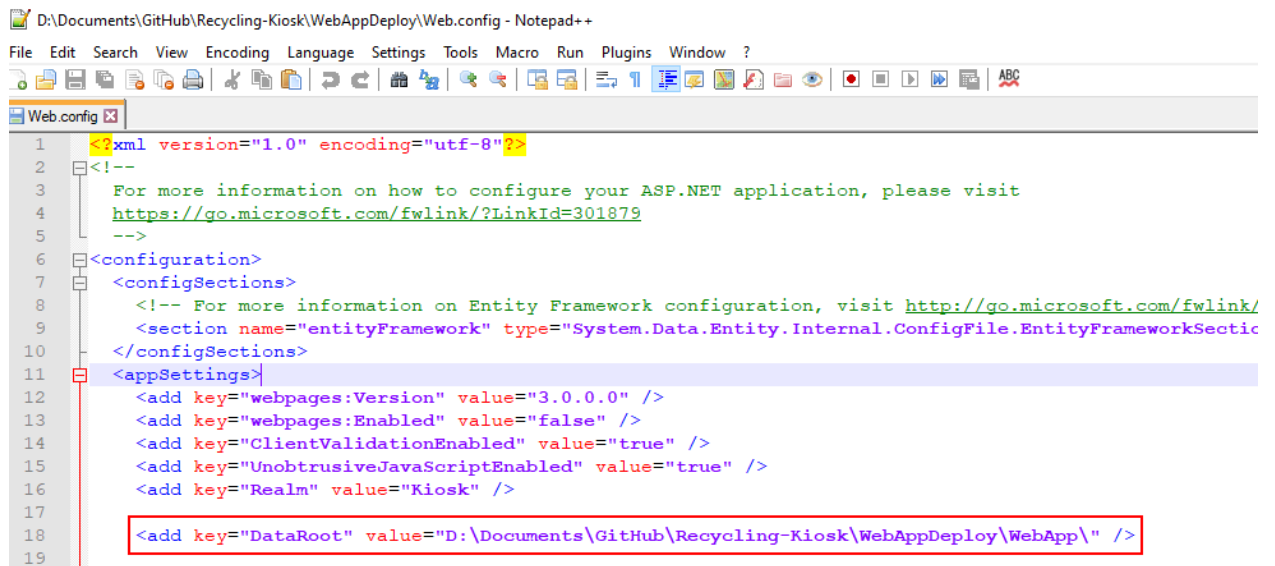
INSTALL INSTRUCTIONS

1. INSTALLING ISS EXPRESS

ISS Express can be downloaded from: <https://www.microsoft.com/en-us/download/details.aspx?id=48264>

2. SETTING UP WEB.CONFIG

The web-app will require you to modify Web.config for the web-app to work correctly. You will be required to modify line 18, it should contain *key="DataRoot"*.



```
D:\Documents\GitHub\Recycling-Kiosk\WebAppDeploy\Web.config - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Web.config
1 <?xml version="1.0" encoding="utf-8"?>
2 <!--
3   For more information on how to configure your ASP.NET application, please visit
4   https://go.microsoft.com/fwlink/?LinkId=301879
5   -->
6 <configuration>
7   <configSections>
8     <!-- For more information on Entity Framework configuration, visit http://go.microsoft.com/fwlink/
9     <section name="entityFramework" type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSecti
10  </configSections>
11  <appSettings>
12    <add key="webpages:Version" value="3.0.0.0" />
13    <add key="webpages:Enabled" value="false" />
14    <add key="ClientValidationEnabled" value="true" />
15    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
16    <add key="Realm" value="Kiosk" />
17
18    <add key="DataRoot" value="D:\Documents\GitHub\Recycling-Kiosk\WebAppDeploy\WebApp\' />
19  </appSettings>
20 </configuration>
```

Modify the *value=""*. Most of the new value should be the path to the current folder you are in, the one containing Web.config. **BUT**, make sure to add *"\WebApp* to the end of the path as this will make the web-app correctly point to the database file. Without doing this the web-app will fail to function properly.

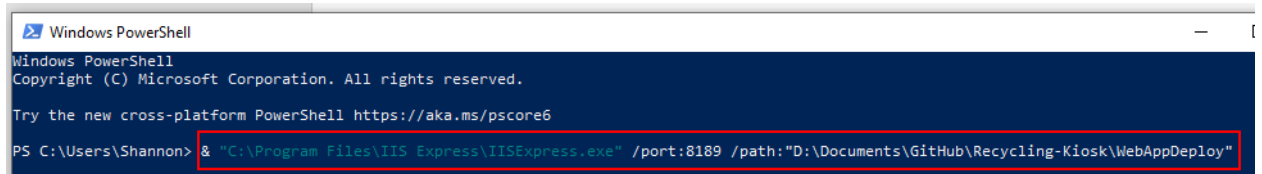
3. RUNNING THE WEBAPP

To run the web-app, open a Windows PowerShell and type in the following command:

`& "C:\Program Files\IIS Express\IISExpress.exe" /port:8189 /path:"D:\Documents\GitHub\Recycling-Kiosk\WebAppDeploy"`

You will be required to change the path to match the path you are using. The path should simply be the path that is containing Web.config.

You might also need to change the first section of the command to be pointing to where you installed ISS Express. But, if you went with the default installation path the supplied one should work.



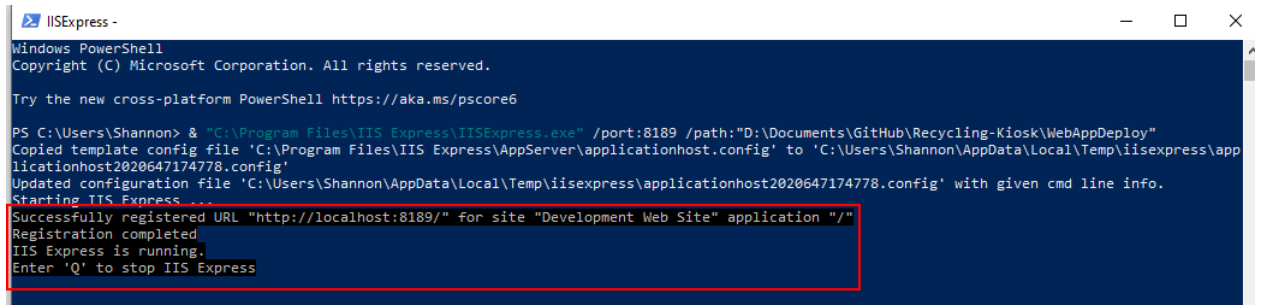
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Shannon> & "C:\Program Files\IIS Express\IISExpress.exe" /port:8189 /path:"D:\Documents\GitHub\Recycling-Kiosk\WebAppDeploy"
```

It is recommended to keep port:8189 as this is the port the web-api has been configured to use.

Once you have entered the command hit ENTER and you should get an output similar to this, or it is saying something along the lines of "Successfully registered"



```
IISExpress -
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Shannon> & "C:\Program Files\IIS Express\IISExpress.exe" /port:8189 /path:"D:\Documents\GitHub\Recycling-Kiosk\WebAppDeploy"
Copied template config file 'C:\Program Files\IIS Express\AppServer\applicationhost.config' to 'C:\Users\Shannon\AppData\Local\Temp\iisexpress\applicationhost2020647174778.config'
Updated configuration file 'C:\Users\Shannon\AppData\Local\Temp\iisexpress\applicationhost2020647174778.config' with given cmd line info.
Starting IIS Express ...
Successfully registered URL "http://localhost:8189/" for site "Development Web Site" application "/"
Registration completed.
IIS Express is running.
Enter 'Q' to stop IIS Express
```

4. ACCESSING THE WEB-APP

To access the web-app open a web browser, preferably Google Chrome as most development was done using this service.

In the address bar use the following URL to access the Web App.

<http://localhost:8189/index.html>

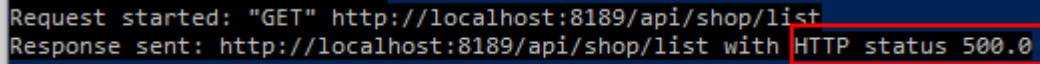
If done correctly it should open the web app.

TROUBLESHOOTING

HTTP STATUS 500 OR 302

If the PowerShell is giving out response messages that ends with “HTTP Status 500.0” or “HTTP Status 304.0” this is most likely due to step 2 being done incorrectly and the path provided in DataRoot is incorrect.

Double check the path you have provided to see if there’s a missing part of the path then restart the ISS Express by pressing “Q” on the PowerShell and rerunning the command.

A screenshot of a PowerShell console window with a dark blue background. The text is white. The first line reads "Request started: \"GET\" http://localhost:8189/api/shop/list". The second line reads "Response sent: http://localhost:8189/api/shop/list with HTTP status 500.0". The text "HTTP status 500.0" in the second line is enclosed in a red rectangular box.

```
Request started: "GET" http://localhost:8189/api/shop/list
Response sent: http://localhost:8189/api/shop/list with HTTP status 500.0
```

If this fails to solve the issue, there might be a back-end Web API issue that didn’t come up during initial testing.