Develop a portable MVC 6 web site

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1, Introduction

After we built a MVC 6 web site, we can publish it to local machine and run it under klr.exe command. klr.exe will host this web site ad create a web site as a localhost:portnumber. We then can simply open browser to access this URL for web site browsing. This document will implement this in my local machine.

2, Get Started

Create a MVC 6 web site and complied it without errors. And then we click Publish button in Solution Explorer to publish this web site to local file system as below image shown
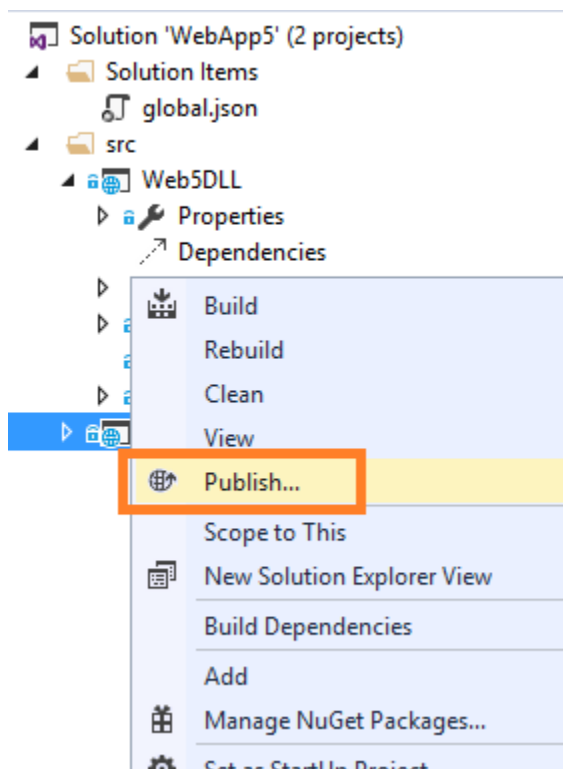
Go through the publish wizard and click publish button to publish web site in setting path as below
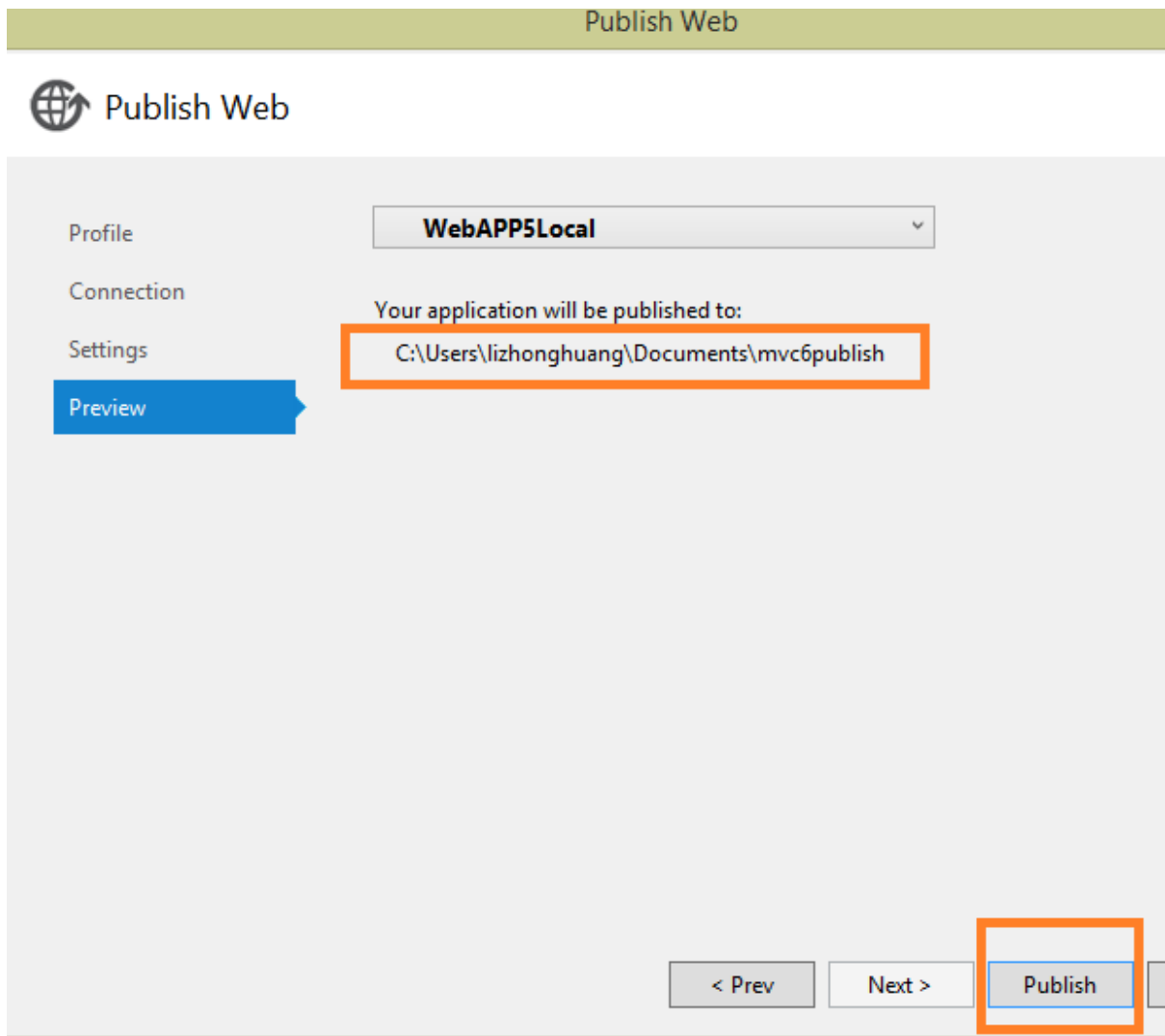
The web application has been published to roaming folder as above. The folder contains files as below

Run CMD prompt under this folder and run web.cmd command. We can get Web Site run as below

Now we can open Chrome browser to open this web site as below
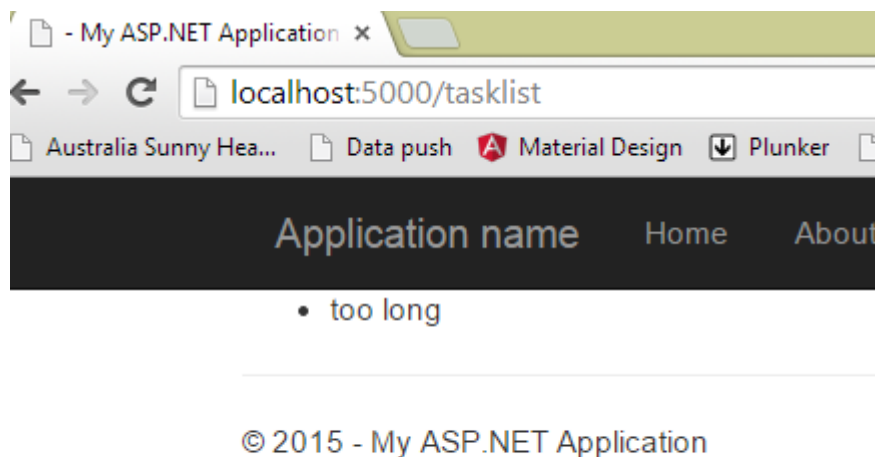
3, SUMMARY

Self-portable web files can be moved to any storage that klr.exe file installed. The storage machine may not be an IIS web server or any other web server. File server here can run web site with the help of klr.exe command. Therefore, we can say we can develop a MVC 6 web site run on non-web server environment.