Steps to install this package

1. Go to Project Properties 🡪 Application and change “Target framework” to .Net Framework 4.5.2. If not available please make sure you download and install .Net Framework 4.5.2.
2. If your solution is under source control, then make sure to check out the whole project or all the web config files (Content\web.config, root\web.config, Scripts\web.config, Views\web.config). This is to avoid any kind of access denied issues during NuGet package install.
3. If you are behind corporate proxy follow the below steps:
   1. Download the latest package version from <https://www.nuget.org/packages/UpgradeMvc/>
   2. Copy the package to “C:\temp”.
   3. In Visual Studio, go to Tools🡪NuGet Package Manager 🡪 Package Manager Settings 🡪 NuGet Package Manager 🡪 Package Sources.
   4. Click “+” icon and it will add a new source. Type “Name” as “Local”, Browse and select “Source” as “C:\temp”. Click “Update” button. Make sure “Local” is checked under “Available package sources”.
   5. Click “Ok” to close the dialog box. If you get any access denied error, go to your VS solution path and make sure to remove “Read-only” from nuget.config file properties.
   6. Right click on your project and select “Manage NuGet Packages”. Navigate to Online tab and then select “Local”. Find “Upgrade MVC” and click install.
4. If you are not behind corporate proxy and have access to nuget.org, then follow the below steps:
   1. In Visual Studio Package Manager Console, run the below command
   2. Install-Package UpgradeMvc -Version 1.0.0 -Project <Project-Name>
5. Reinstall any existing nuget packages that are targeting .Net Framework 4.0 so that it will re-target .Net Framework 4.5.2
6. The package is generated using the below command

nuget pack UpgradeMVC.nuspec –OutputDirectory “Release/”

What are the changes done by this package?

1. **Upgrade from MVC 3.0.0.0/3.0.0.1/4.0.0.0/4.0.0.1 to MVC 5.2.3.0**

This package upgrades your web application from MVC 3/4 to MVC 5. Also please note that Microsoft recommends bin deployment of MVC 5 dlls.

1. **DLLs - The below dll references will be updated**

System.Web.Helpers

Old 1.0.0.0/2.0.0.0

New 3.0.0.0

System.Web.Mvc

Old 3.0.0.0/3.0.0.1/4.0.0.0/4.0.0.1

New 5.2.3.0

System.Web.Razor

Old 1.0.0.0/2.0.0.0

New 3.0.0.0

System.Web.Webpages

Old 1.0.0.0/2.0.0.0

New 3.0.0.0

System.Web.Webpages.Deployment

Old 1.0.0.0/2.0.0.0

New 3.0.0.0

System.Web.Webpages.Razor

Old 1.0.0.0/2.0.0.0

New 3.0.0.0

1. **ProjectTypeGuids is updated**

Replaced {E53F8FEA-EAE0-44A6-8774-FFD645390401} or {E3E379DF-F4C6-4180-9B81-6769533ABE47} with {349C5851-65DF-11DA-9384-00065B846F21}

1. **web.config root below change is done**
2. Replaced <add key="webpages:Version" value="1.0.0.0" /> or <add key="webpages:Version" value="2.0.0.0" />with <add key="webpages:Version" value="3.0.0.0" />
3. Below binding redirects are added after removal of existing references.

<dependentAssembly>

<assemblyIdentity name="System.Web.Http" publicKeyToken="31bf3856ad364e35" culture="neutral"

/>

<bindingRedirect oldVersion="0.0.0.0-4.0.0.0" newVersion="4.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="0.0.0.0-5.2.3.0" newVersion="5.2.3.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.WebPages.Razor" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="System.Web.WebPages.Deployment" publicKeyToken="31bf3856ad364e35"

/>

<bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

1. **web.config view below changes are done**

Replaced System.Web.WebPages.Razor 1.0.0.0/2.0.0.0 with System.Web.WebPages.Razor 3.0.0.0

Replaced System.Web.Mvc 3.0.0.0/3.0.0.1/4.0.0.0/4.0.0.1 with System.Web.Mvc 5.2.3.0