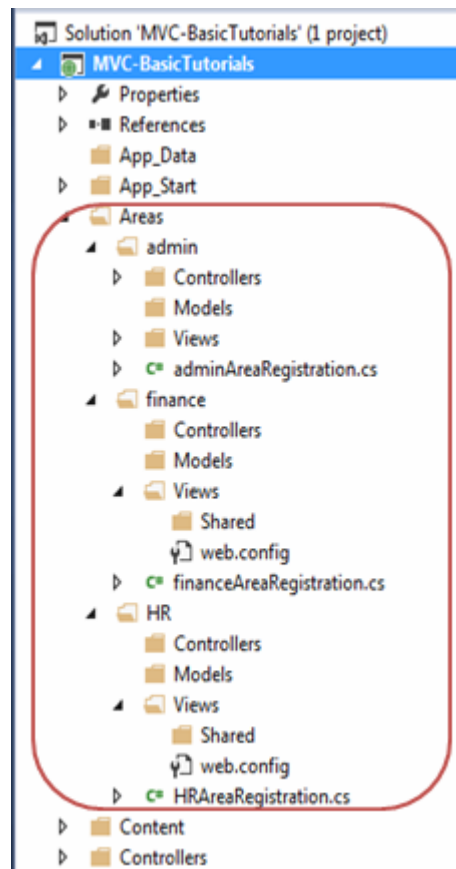


[< Previous](#)[Next >](#)

Area

You have already learned that ASP.NET MVC framework includes separate folders for Model, View and Controller. However, large application can include a large number of controller, views and model classes. So to maintain a large number of views, models and controllers with the default ASP.NET MVC project structure can become unmanageable

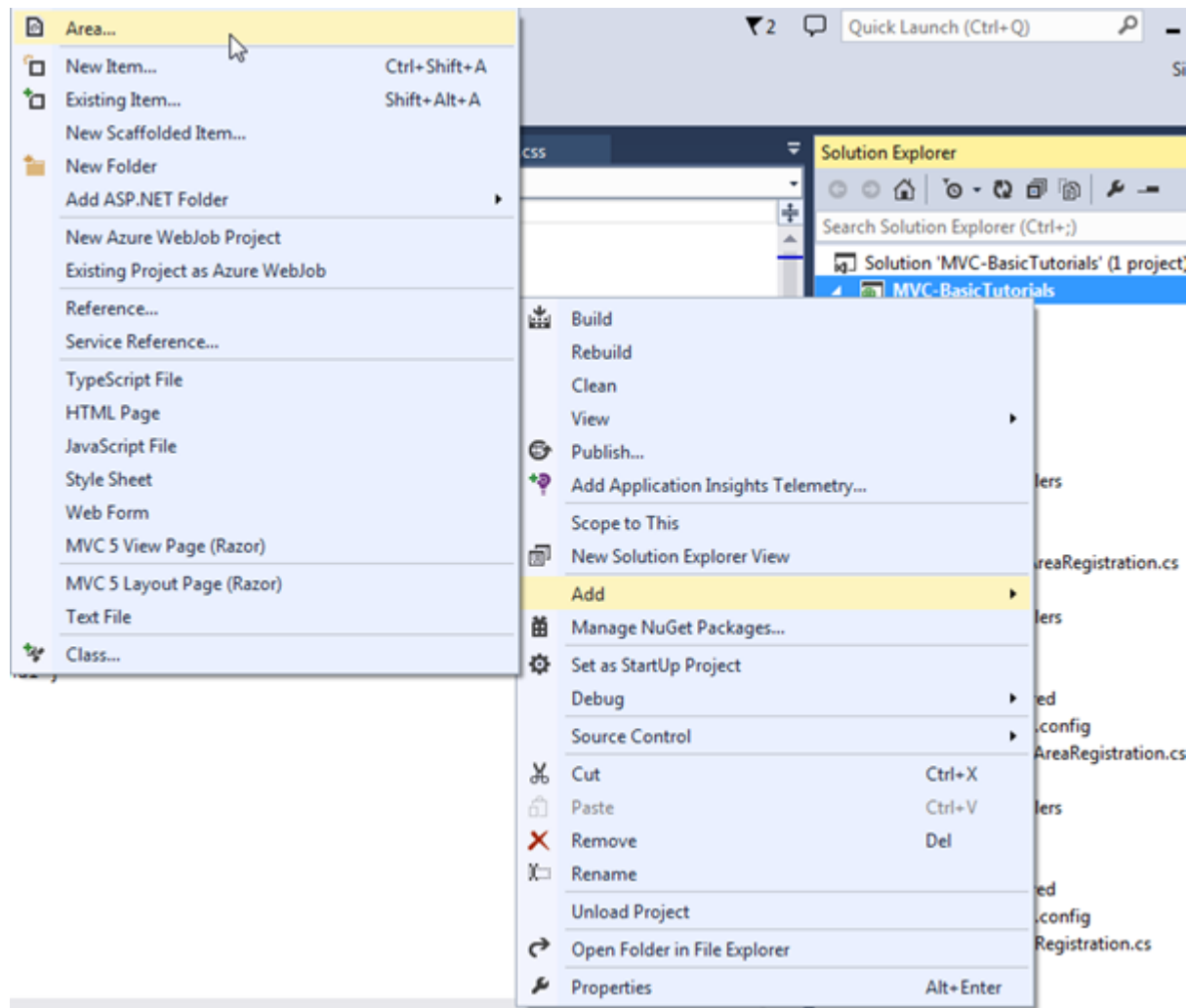
ASP.NET MVC 2 introduced Area. Area allows us to partition large application into smaller units where each unit contains separate MVC folder structure, same as default MVC folder structure. For example, large enterprise application may have different modules like admin, finance, HR, marketing etc. So an Area can contain separate MVC folder structure for all these modules as shown below.



Area

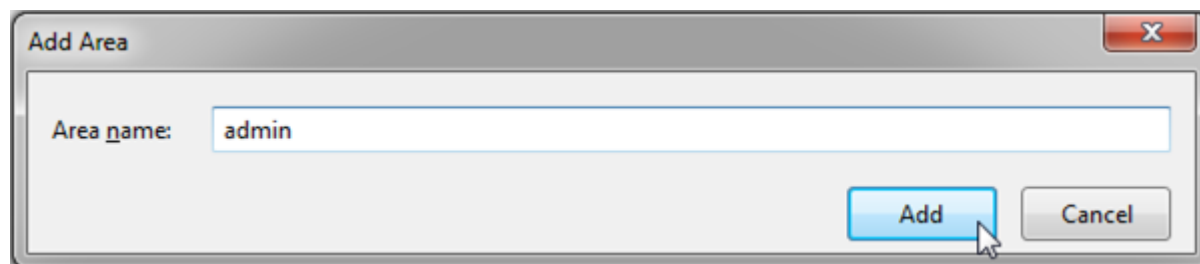
Create Area

You can create an Area using ASP.NET MVC 5 and Visual Studio 2013 for web by right clicking on the project in the solution explorer -> Add -> Area..



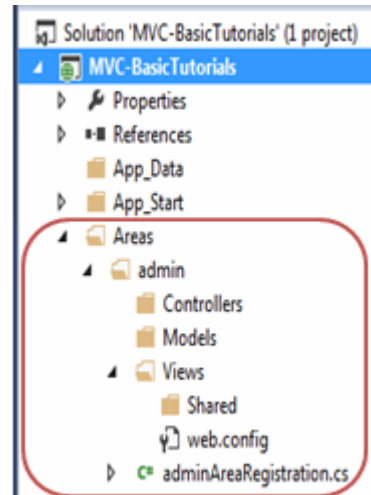
Area

Enter Area name in Add Area dialogue box and click Add.



Area

This will add 'admin' folder under Area folder as shown below.



Area

As you can see, each area includes AreaRegistration class in {area name} + AreaRegistration.cs file.

The following is adminAreaRegistration class created with admin area.

Area Registration:

```
public class adminAreaRegistration : AreaRegistration
{
    public override string AreaName
    {
        get
        {
            return "admin";
        }
    }
}
```

```
public override void RegisterArea(AreaRegistrationContext context)
{
    context.MapRoute(
        "admin_default",
        "admin/{controller}/{action}/{id}",
        new { action = "Index", id = UrlParameter.Optional }
    );
}
```

AreaRegistration class overrides RegisterArea method to map the routes for the area. In the above example, any URL that starts with **admin** will be handled by the controllers included in the admin folder structure under Area folder. For example, *http://localhost/admin/profile* will be handled by profile controller included in Areas/admin/controller/ProfileController folder.

Finally, all the area must be registered in Application_Start event in Global.asax.cs as `AreaRegistration.RegisterAllAreas();`

So in this way, you can create and maintain multiple areas for the large application.



Share



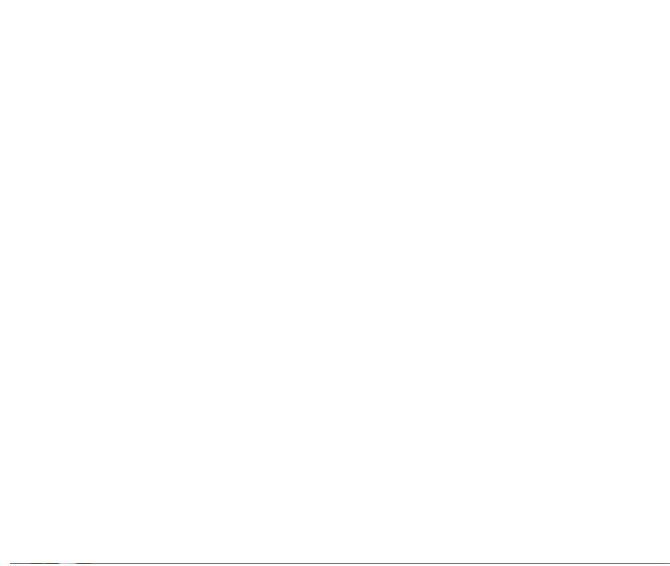
Tweet



Share



Whatsapp

[< Previous](#)[Next >](#)

TUTORIALSTEACHER.COM

TutorialsTeacher.com is optimized for learning web technologies step by step. Examples might be simplified to improve reading and basic understanding. While using this site, you agree to have read and accepted our terms of use and privacy policy.

✉ feedback@tutorialsteacher.com

TUTORIALS

[> ASP.NET Core](#)[> ASP.NET MVC](#)[> IoC](#)[> AngularJS 1](#)[> Node.js](#)[> D3.js](#)

- › Web API
- › C#
- › LINQ
- › Entity Framework

- › JavaScript
- › jQuery
- › Sass
- › Https

E-MAIL LIST

Subscribe to TutorialTeacher email list and get latest updates, tips & tricks on C#, .Net, JavaScript, jQuery, AngularJS, Node.js to your inbox.

Email address

GO

We respect your privacy.

[HOME](#) [PRIVACY POLICY](#) [TERMS OF USE](#) [ADVERTISE WITH US](#)

© 2020 TutorialTeacher.com. All Rights Reserved.