

Programming Microsoft ASP.NET MVC

Chapter 02: ASP.NET MVC views

12 April 2019

Q1. What is generally returned as result to browsers when the action is invoked over a POST command?

- A. It results in the display of the user interface for the data entry
- B. It results in the display of user interface showing the model data
- C. It results in the display of user interface allowing modifications of the model data
- D. It results in performing the desired server-side tasks and displays this result/status of tasks

Answer: D

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Q2. Which component in ASP.NET MVC application physically builds the HTML output for the browser?

- A. Route engine
- B. View engine
- C. Controller factory
- D. Model binder

Answer: B

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Q3. How is the HTML output is prepared in view engine to be sent to the client browser?

- A. It prepares its output by mixing together a view template for the view and any data the controller passes in
- B. It prepares its output by mixing together a view template for the view and the data pulled in from models
- C. It prepares its output by sending the a view template to the controller and the controller prepares output by mixing the view template with the model data
- D. It prepares its output by sending a view template for the view and any data the controller passes in to the model binder which is responsible for generating the HTML

Answer: A

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Q4. What is actually a view engine is?

- A. A class that implements the interface IView
- B. A class that implements the interface IViewEngine
- C. A class that inherits from the class ViewPage
- D. A class that inherits from the class MvcApplication

Answer: B

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Q5. In ASP.NET MVC 5, which view engine is loaded by default?

- A. Razor
- B. ASPX
- C. Razor and ASPX
- D. None of the above

Answer: C

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Until ASP.NET MVC 4, when you first created an ASP.NET MVC application, the Microsoft Visual Studio project wizard asked you to pick your favorite view engine—whether ASPX or Razor.

But in ASP.NET MVC 5, there's no choice between ASPX and Razor, and all view files are automatically created by using the Razor markup language.

But ASPX still available, by default, any ASP.NET MVC 5 application will always load two view engines: Razor and ASPX.

Although generated views are created using Razor markup]

Q6. What is the default view engine in ASP.NET MVC 5?

- A. Razor
- B. ASPX
- C. Both Razor and ASPX
- D. There is no default, you have to choose one from Razor and ASPX

Answer: A

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Q7. In ASP.NET MVC 5, which markup is used automatically in views?

- A. ASPX markup language.
- B. Razor markup language.
- C. XAML markup language.
- D. HTML5 markup language.

Answer: B

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Q8. Which component of the ASP.NET MVC infrastructure is responsible for retrieving a view object?

- A. Route engine
- B. View engine
- C. Controller
- D. Model binder

Answer: B

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Q9. Which method of the view engine creates and returns a view object that represents an HTML page?

- A. View
- B. FindPartialView
- C. FindView
- D. ReleaseView

Answer: C

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Q10. Which method of the view engine creates and returns a view object that represents a fragment of HTML?

- A. PartialView
- B. FindPartialView

-
- C. FindView
 - D. ReleaseView

Answer: B

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Q11. Which one coordinates communication between the controllers and view engines?

- A. View object
- B. ViewResult object
- C. Action invoker
- D. HTTP handler

Answer: C

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Q12. What does the View method in action method return?

- A. View object
- B. ViewResult object
- C. HttpResponse object
- D. HttpStatusCode object

Answer: B

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Q13. What is a View?

- A. An object of a class that implements the interface IView
- B. An object of a class that implements the interface IViewEngine
- C. An object of a class that inherits from the class ViewPage
- D. An object of a class that inherits from the class MvcApplication

Answer: A

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Q14. Which view is assumed if you do not specify the view name as a parameter in the View method on the controller action?

- A. The system assumes by convention that the name of the view is the same as the controller class name
- B. The system assumes by convention that the name of the view is the same as the action name
- C. The system assumes by convention that the name of the view is the same as the application name.
- D. The system assumes by convention that the name of the view is layout

Answer: B

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Q15. What is displayed on the client browser as a response of a request?

- A. results from a view as described in a view template
- B. results from a view as described in a layout template
- C. results from a model as described in a view template
- D. results from a route as described in a view template

Answer: A

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Q16. What is file extension of view template for the Razor view engine?

- A. .aspx
- B. .ascx
- C. .cshtml or vbhtml
- D. .master

Answer: C

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Q16. What is the location of a view page by convention?

- A. In the Views folder
- B. In the Shared folder under the Views folder
- C. In a folder named as same as the controller name in the Views folder
- D. In the root folder

Answer: C

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Q17. Consider the controller and its action method?

public class HomeController: Controller

```
{  
    public ActionResult Index()  
    {  
        return View();  
    }  
}
```

Which physical file will be searched first for rendering the result?

- A. ~/Views/Index.cshtml
- B. ~/Views/Shared/Index.cshtml
- C. ~/Views/Home/Index.cshtml
- D. ~/Views/Home/Default.cshtml

Answer: C

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Q18. Consider the controller and its action method?

public class HomeController: Controller

```
{  
    public ActionResult Index()  
    {  
        return View("Welcome");  
    }  
}
```

Which physical file will be searched first for rendering the result?

- A. ~/Views/Index.cshtml
- B. ~/Views/Welcome.cshtml
- C. ~/Views/Home/Index.cshtml
- D. ~/Views/Home/Welcome.cshtml

Answer: D

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Q19. Where should you store the view template file when multiple controllers are expected to invoke the same view (or partial view)?

- A. In the Views folder
- B. In the Shared folder under the Views folder.
- C. In the root folder.
- D. In the Controllers folder.

Answer: B

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Q20. Which predefined dictionaries are available for the controller method to send data to a view?

- A. ViewData
- B. ViewBag
- C. ViewData and ViewBag
- D. ViewData and RouteData

Answer: C

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Q21. What is the extension of the master page if you use Razor views?

- A. .aspx
- B. .ascx
- C. .cshtml or vbhtml
- D. .master

Answer: C

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Q22. In ASP.NET MVC, which one is the equivalent to ASP. NET server control?

- A. View
- B. Controller
- C. Layout page
- D. HTML helper

Answer: D

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Q23. What does a HtmlHelper method do?

- A. outputs a basic HTML page structure
- B. outputs necessary JavaScript to validate model data
- C. outputs an HTML string based on the provided input data
- D. locates a view template and renders HTML based on the template

Answer: C

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Q24. Which Html helper method is used to create an HTML link

- A. Action
- B. ActionLink
- C. Partial
- D. Url

Answer: B

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Q25. Which Html helper method is used to insert a partial view inside a view?

- A. `Html.Action` or `Html.RenderAction`
- B. `Html.Partial` or `Html.RenderPartial`
- C. `Html.Section` or `Html.RenderSection`
- D. `Html.Action` or `Url.Action`

Answer: B

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Q26. Which Html helper native method is used for generating the HTML string for a hidden input field stored with the antiforgery token?

- A. `ValidateAntiForgeryToken`
- B. `AntiForgeryToken`
- C. `Encode`
- D. `Hidden`

Answer: B

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Q27. How do you denote the start of a Razor code block?

- A. By enclosing code within `<% %>`
- B. By enclosing code within `<@ @>`
- C. by using the `#` character
- D. by using the `@` character

Answer: D

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Q28. Which one is the valid Razor expression block?

- A. `@{ var author = "Dino";}`
- B. `@var author = "Dino"`
- C. `@(var author = "Dino")`
- D. `@(var author = "Dino") <p>@author</p>`

Answer: A

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Q29. Which one is razor comment?

- A. `@* comment *@`
- B. `<!-- comment - - >`
- C. `/* comment */`
- D. `// comment`

Answer: A

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Q30. Which helper method should you use if you want to emit as-is without being automatically encoded?

- A. `Html.Encode`
- B. `Html.Text`
- C. `Html.Raw`
- D. `Html.Render`

Answer: C

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Q32. Which property of a Razor view object the central repository to gain access to various ASP.NET intrinsic objects: Request, Response, Server, User etc.?

- A. Page
- B. Html
- C. Context
- D. Model

Answer: C

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Q33. Which property of a view object to convert virtual paths that you create in server code to paths that the browser understands?

- A. Context.Server.MapPath
- B. Href
- C. Path
- D. MapPath

Answer: B

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Q34. Which property of the view object is used to determine if the current request was placed through an HTTP POST verb?

- A. IsPostBack
- B. Post
- C. IsPost
- D. Verb

Answer: C

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Q35. Which property of the view object is used to get or set the path to the file containing the master view template?

- A. Master
- B. Layout
- C. MasterPageFile
- D. LayoutPageFile

Answer: B

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Q36. Which property of the view object gets a reference to the view model object containing data for the view passed by the action method?

- A. ViewBag
- B. ViewData
- C. Model
- D. RouteData

Answer: C

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Q37. Which one do you use to declare the actual type of model data in the view?

- A. @using
- B. @model

-
- C. @layout
 - D. @import

Answer: B

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Q38. With Razor, which special file in the Views folder is processed before each view is built and rendered?

- A. _ViewStart.cshtml
- B. _Layout.cshtml
- C. _Default.cshtml
- D. _Start.cshtml

Answer: A

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Q39. Which one creates a placeholder in layout page for injecting the code of a specific view?

- A. Render
- B. RenderSection
- C. RenderBody
- D. Html.Action

Answer: C

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Q40. Which method causes any code in the actual view to flow into the layout template?

- A. Render
- B. RenderSection
- C. RenderBody
- D. Html.Action

Answer: C

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Q41. In the layout template, how do you define an injection point where a view can place specific content?

- A. by placing a call to Render
- B. by placing a call to RenderSection
- C. by placing a call to RenderBody
- D. by placing a call to Html.Action

Answer: B

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Q42. Which method you can use in a layout template to determine whether a given section has been specified by the view or not?

- A. HasSection
- B. RenderSection
- C. IsSection
- D. IsSectionDefined

Answer: D

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Q42. How can you create Html helper using Razor markup?

-
- A. Using extension method
 - B. Using declarative helper
 - C. Using custom editor template
 - D. Using Razor template

Answer: B

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Q43. Which one is key/value pair container that controller action uses to pass data to a view?

- A. ViewData
- B. ViewBag
- C. ViewState
- D. ViewModel

Answer: A

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Q43. Which helper method is used to call an action method from within a view?

- A. Html.Action or Html.RenderAction
- B. Html.Partial or Html.RenderPartial
- C. Html.Render or Html.RenderSection
- D. Html.ActionLink or Html.Link

Answer: A

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