

Action Results

Type	Helper Method
ViewResult	View()
PartialViewResult	PartialView()
ContentResult	Content()
RedirectResult	Redirect()
RedirectToRouteResult	RedirectToAction()
JsonResult	Json()
FileResult	File()
HttpNotFoundResult	HttpNotFound()
EmptyResult	

Action Parameters

Sources

- Embedded in the URL: /movies/edit/1
- In the query string: /movies/edit?id=1
- In the form data

Convention-based Routes

```
routes.MapRoute(
    "MoviesByReleaseDate",
    "movies/released/{year}/{month}",
    new {
        controller = "Movies",
        action = "MoviesReleaseByDate"
    },
    new {
        year = @"\d{4}", month = @"\d{2}"
    }
    isFavorite = false;
}
```

Attribute Routes

```
[Route("movies/released/{year}/{month}")]
public ActionResult MoviesByReleaseDate(int year, int month)
{
}
```

To apply a constraint use a colon:

```
month:regex(\d{2}):range(1, 12)
```

Passing Data to Views

Avoid using `ViewData` and `ViewBag` because they are fragile. Plus, you have to do extra casting, which makes your code ugly. Pass a model (or a view model) directly to a view:

```
return View(movie);
```

Razor Views

```
@if (...)
{
    // C# code or HTML
}
```

```
@foreach (...)
{
}
```

Render a class (or any attributes) conditionally:

```
@{
    var className = Model.Customers.Count > 5 ? "popular" : null;
}
<h2 class="@className">...</h2>
```

ASP.NET MVC Fundamentals

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Partial Views

To render:

```
@Html.Partial("_NavBar")
```