



무료 전자 책

배우기

asp.net-mvc-5

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#asp.net-
mvc-5

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1: asp.net-mvc-5

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Examples

ASP.NET MVC 5

1. ASP.NET MVC 5.0 . ASP.NET MVC ,
2. .
- 3.

MVC5

MVC / .

1. Visual Studio (Ctrl + Q)

2. PM> .

```
Install-Package Microsoft.AspNet.Mvc -Version 5.2.3
```

: . 5.2.3 ()

3. .

```
Get-Package -ListAvailable -Filter mvc
```

asp.net-mvc-5 : <https://riptutorial.com/ko/asp-net-mvc-5/topic/976/asp-net-mvc-5->

2: HTML

HTML MVC `html` . . .

```
@using Views Web.config .
```

Examples

- div

```
public static class MyHelpers
{
    public static MvcHtmlString MyCustomDiv(this HtmlHelper htmlHelper, string text,
        object htmlAttributes = null)
    {
        var mainTag = new TagBuilder("div");
        mainTag.MergeAttributes(htmlAttributes);
        mainTag.AddCssClass("some custom class");
        mainTag.SetInnerHtml(text);
        return MvcHtmlString.Create(mainTag.ToString());
    }
}
```

```
@Html.MyCustomDiv("Test inside custom div");
@Html.MyCustomDiv("Test inside custom div", new { @class="some class for the div element" });
```

(: Html.BeginForm)

1..

```
public class MyDisposableHelper: IDisposable
{
    private bool _disposed;
    private readonly ViewContext _viewContext;

    public MyDisposableHelper(ViewContext viewContext)
    {
        if (viewContext == null)
        {
            throw new ArgumentNullException(nameof(viewContext));
        }
        _viewContext = viewContext;
    }

    public void Dispose()
    {
        Dispose(true);
        GC.SuppressFinalize(this);
    }
}
```

```

protected virtual void Dispose(bool disposing)
{
    if (_disposed)
        return;
    _disposed = true;
    _viewContext.Writer.Write("</div>");
}

public void EndForm()
{
    Dispose(true);
}
}

```

Html.BeginForm(...) IDisposable . div .

2. HtmlHelper .

```

public static MyDisposableHelper BeginContainingHelper(this HtmlHelper htmlHelper)
{
    var containingTag = new TagBuilder("div");
    //add default css classes, attributes as needed
    htmlHelper.ViewContext.Writer.Write(containingTag .ToString(TagRenderMode.StartTag));
    return new MyDisposableHelper (htmlHelper.ViewContext);
}

```

Writer.Write . TagRenderMode.StartTag MyDisposableHelper MyDisposableHelper
MyDisposableHelper **div** .

3. .

```

@using (Html.BeginContainingHelper()) {
    <div>element inside our custom element</div>
}

```

HTML : <https://riptutorial.com/ko/asp-net-mvc-5/topic/8922/html-->

3: MVC 5

Examples

ASP.NET MVC . AsyncController . (CPU Y . . .)

```
public async Task<ActionResult> Index()
{
    return View("View", await db.UserMasters.ToListAsync());
}
```

MVC 5 : <https://riptutorial.com/ko/asp-net-mvc-5/topic/7500/mvc-5-->

4: mvc-5

1. {productId : int} / {productTitle} ProductsController .Show (int id)
2. {username} ProfilesController.Show (string username) .
3. {username} / catalogs / {catalogId : int} / {catalogTitle} CatalogsController.Show (string username, int catalogId) .

ASP.NET MVC URI . MVC 5 URI .

Examples

MapMvcAttributeRoutes .

```
public static void RegisterRoutes(RouteCollection routes)
{
    routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

    routes.MapMvcAttributeRoutes();

    routes.MapRoute(
        name: "Default",
        url: "{controller}/{action}/{id}",
        defaults: new { controller = "Home", action = "Index", id = UrlParameter.Optional }
    );
}
```

URI

route URI . form = value .

```
public class BooksController : Controller
{
    // eg: /books
    // eg: /books/1430210079
    [Route("books/{isbn?}")]
    public ActionResult View(string isbn)
    {
        if (!String.IsNullOrEmpty(isbn))
        {
            return View("OneBook", GetBook(isbn));
        }
        return View("AllBooks", GetBooks());
    }

    // eg: /books/lang
    // eg: /books/lang/en
    // eg: /books/lang/he
    [Route("books/lang/{lang=en}")]
}
```



```
public ActionResult ViewByLanguage(string lang)
{
    return View("OneBook", GetBooksByLanguage(lang));
}
```

/ books / books / 1430210079 "" . / books / lang / books / lang / en .

. :

```
public class ReviewsController : Controller
{
    // eg: /reviews
    [Route("reviews")]
    public ActionResult Index() { ... }
    // eg: /reviews/5
    [Route("reviews/{reviewId}")]
    public ActionResult Show(int reviewId) { ... }
    // eg: /reviews/5/edit
    [Route("reviews/{reviewId}/edit")]
    public ActionResult Edit(int reviewId) { ... }
}
```

[RoutePrefix] .

```
[RoutePrefix("reviews")]
public class ReviewsController : Controller
{
    // eg.: /reviews
    [Route]
    public ActionResult Index() { ... }
    // eg.: /reviews/5
    [Route("{reviewId}")]
    public ActionResult Show(int reviewId) { ... }
    // eg.: /reviews/5/edit
    [Route("{reviewId}/edit")]
    public ActionResult Edit(int reviewId) { ... }
}
```

(~).

```
[RoutePrefix("reviews")]
public class ReviewsController : Controller
{
    // eg.: /spotlight-review
    [Route("~/spotlight-review")]
    public ActionResult ShowSpotlight() { ... }

    ...
}
```

[Route] . [Route] .

```
[RoutePrefix("promotions")]
[Route("{action=index}")]
public class ReviewsController : Controller
```

```

{
    // eg.: /promotions
    public ActionResult Index() { ... }

    // eg.: /promotions/archive
    public ActionResult Archive() { ... }

    // eg.: /promotions/new
    public ActionResult New() { ... }

    // eg.: /promotions/edit/5
    [Route("edit/{promoId:int}")]
    public ActionResult Edit(int promoId) { ... }
}

```

. {parameter : constraint}. :

```

// eg: /users/5
[Route("users/{id:int}")]
public ActionResult GetUserById(int id) { ... }

// eg: users/ken
[Route("users/{name}")]
public ActionResult GetUserByName(string name) { ... }

```

URI "id" . . .

Const	(:)	
	(az, AZ)	{x : }
		{x : bool}
	DateTime .	{x : datetime}
	10 .	{x : }
	64 .	{x : double}
	32	{x : float}
	GUID .	{x : guid}
int	32 .	{x : int}
	..	{x : (6)} {x : (1,20)}
	64 .	{x : long}
	.	{x : (10)}
	.	{x : (10)}
	.	{x : (10)}

Const	(:)	
	.	{x : (10)}
	.	{x : (10,50)}
	.	{x : (^ \ d {3} - \ d {3} - \ d {4} \$)}

mvc-5 : <https://riptutorial.com/ko/asp-net-mvc-5/topic/6370/mvc-5-->

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