

 免費電子書

學習

asp.net-mvc-5

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#asp.net-
mvc-5

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1: asp.net-mvc-5

asp.net-mvc-5。

asp.net-mvc-5。 asp.net-mvc-5。

Examples

ASP.NET MVC 5

1. ASP.NET MVC 5.0。 ASP.NET MVC。 ◦

2. Filter。

3.

MVC5

/MVC

1. visual studio Package Manager CTRL + Q package manager console

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/zh-TW/asp-net-mvc-5/topic/976/asp-net-mvc-5) <https://riptutorial.com/zh-TW/asp-net-mvc-5/topic/976/asp-net-mvc-5>

2: MVC 5

Examples

ASP.NET MVC。 AsyncController。 CPU。 Web。

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

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

3: mvc-5

1. {productId} / {productTitle}ProductsController.Showint id
2. {username}ProfilesController.Show
3. {username} / catalogs / {catalogIdint} / {catalogTitle}CatalogsController.Showstring usernameint catalogId

ASP.NET MVCURI。 MVC 5。 。 WebURI。

。 。

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

URI。 form parameter = 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) { ... }
}
```

method

```
[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) { ... }
}

```

◦ **{parameterconstraint}**◦

```

// 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”◦ ◦

	:	
a	azAZ	{X}
	◦	{X}
	DateTime◦	{X}
	◦	{X}
	64◦	{X}
	32◦	{X}
GUID	GUID◦	{XGUID}
INT	32◦	{XINT}
	◦	{xlength6} {xlength1,20}
	64◦	{X}
	◦	{X10}
	◦	{X10}

	:	
	◦	{X10}
MINLENGTH	◦	{XMINLENGTH10}
	◦	{X10,50}
	◦	{X^\ d {3} - \ d {3} - \ d {4} \$}

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

4: Html

HtmlMVCHtml。 。 。

@usingViewsWeb.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);
    }
}

```

IDisposableHtml.BeginForm(...)◦ 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◦div◦MyDisposableHelper◦

3.

```

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

```

Html <https://riptutorial.com/zh-TW/asp-net-mvc-5/topic/8922/html>

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