

How do I redirect a user to a custom 404 page in ASP.NET MVC instead of throwing an exception?

Asked 16 years, 4 months ago Modified 13 years, 10 months ago

Viewed 15k times



18

I want to be able to capture the exception that is thrown when a user requests a non-existent controller and re-direct it to a 404 page. How can I do this?



For example, the user requests

`http://www.nosite.com/paeges/1` (*should be* `/pages/`).



How do I make it so they get re-directed to the 404 rather than the exception screen?



asp.net-mvc

exception

routes

Share

Improve this question

Follow

edited Feb 22, 2011 at 14:34



George Stocker

57.9k ● 29 ● 180 ● 238

asked Aug 21, 2008 at 13:46



jmcld

4,300 ● 5 ● 38 ● 36

3 Answers

Sorted by:

Highest score (default)



Just use a route:

16



```
// We couldn't find a route to handle the request. Sh
routes.MapRoute("Error", "{*url}",
    new { controller = "Error", action = "404" }
);
```



Since this will be a global handler, put it all the way at the bottom under the Default route.

Share Improve this answer

answered Aug 21, 2008 at 13:54

Follow



[Dale Ragan](#)

18.3k ● 3 ● 55 ● 71

6 Is this right? Because sure if I define a route for {controller}/{action}/{id} lets say, and the user enters the url with a controller that doesn't exist then it will yellow-screen as that first route will match and your catch all will never be reached? – [jmcd](#) Oct 22, 2008 at 19:48

I just tried this, and still get the default yellow-screen 404.


– [Josh Simerman](#) Dec 15, 2011 at 21:03

1 This does work, but it means that you have to have manual routes for all of your controllers, ie no {controller}/{action}/{id} instead you'd have to do Home/{action}/{id} , Account/{action}/{id} , etc – [Serj Sagan](#) Jan 22, 2013 at 23:01

@SerjSagan, nowadays, you can use route constraints, like:

```
routes.MapRoute(
    name: "Home",
    url: "{action}",
    defaults: new {
        controller = "Home", action = "Index" },
```

```
constraints: new { action = "Index|Help|Orders" }  
);
```

 – R. Schreurs Mar 8, 2016 at 12:43 

Take a look at [this page](#) for routing your 404-errors to a specified page.

6



Share Improve this answer

answered Aug 21, 2008 at 13:50

Follow



Espo

41.9k ● 21 ● 136 ● 161



2 You might want to update the answer to include relevant details in it. – [jgauffin](#) May 17, 2016 at 5:03



Found this on the same site - [Strategies for Resource based 404s](#)

1



Share Improve this answer

Follow

answered Aug 21, 2008 at 13:56



[jmcd](#)

4,300 ● 5 ● 38 ● 36



1 Link only answers are discouraged on SO. – [spender](#) Oct 21, 2016 at 22:27
