

jQuery ajax calls not working with ASP.Net Web Forms when FriendlyUrls are added

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▲
5 The following code works just fine without FriendlyUrls turned on for an ASP.Net Web Forms project:

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```
<script type="text/javascript">
    $(document).ready(function () {

        $.ajax({
            url: '/Default.aspx/GetData',
            type: 'POST',
            beforeSend: function (xhr) {
                xhr.setRequestHeader("Content-type",
                    "application/json; charset=utf-8");
            },
            success: function (result) {
                var resultData = (result.d? result.d : result);
                alert(resultData);
            },
            error : function(){
                alert('error');
            }
        });

    });
</script>
```

Here is the server-side code for the page method (WebMethod):

```
[System.Web.Services.WebMethod]
public static string GetData()
{
    return "Hello";
}
```

When I load the page in browser, I can see the response as { "d" : "Hello" }, which is the expected result.

Now, if the friendly urls are added using the NuGet package [Microsoft.AspNet.FriendlyUrls](#), the same code would not work. As FriendlyUrls are turned on, I changed the url in jquery ajax call to be **"/Default/GetData"**, but then I would not receive the expected result. Rather I receive the html of the Default.aspx page.

I am struggling to find out why this would not work, the only thing I changed was adding the nuget package for the FriendlyUrls!

I have been trying to find solutions and the most close readable answers I could find were:

[Using jQuery for AJAX with ASP.NET Webforms](#)

<http://encosia.com/using-jquery-to-directly-call-aspnet-ajax-page-methods/>

Note that all the related posts in given answers do not use FriendlyUrls. I have also seen some answers that indicate that the jquery ajax calls would work fine with MVC, WebAPI, but my project is restricted to use ASP.Net Web Forms.

Am I doing something wrong or missing something here? Has anyone encountered the same scenario for their project? If so, can you please answer how this can be solved? Thanks a bunch for taking time to read and reply.

jquery asp.net ajax webforms friendly-url

edited May 23 '17 at 12:25



Community ♦

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asked Sep 19 '15 at 3:27



dhruvpatel

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- 1 see if this answer helps: stackoverflow.com/questions/23033614/... (scroll down). – wazz Sep 21 '15 at 5:26
-
- 1 @wazz Thanks for responding to my question. The post you referred helped me in getting the answer to my question with some modifications. See my answer for details. Thanks! – dhruvpatel Sep 21 '15 at 18:41
-

3 Answers



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After spending way too much time on this, I found out that I needed to change this in App_Start/RouteConfig.cs:

```
//settings.AutoRedirectMode = Redirect
settings.AutoRedirectMode = RedirectM
```

answered May 6 '16 at 11:38



John Marston

397 2 9



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So, ultimately I got the solution to my question by making following changes to my project:



1. Add FriednlyUrls to the project.

2. Remove the line in **RegisterRoutes** method that sets `settings.AutoRedirectMode` property in **App_Start/RouteConfig.cs**

(note that setting it to `RedirectMode.Permanent` or `RedirectMode.Off` did NOT work for me)

3. Add **authorization** in web.config as follows under *system.web* section

```
<authorization>
  <allow users="*" />
</authorization>
```

4. Modify the url in ajax call set up to use **Microsoft.AspNet.FriendlyUrls.Resolve** function in order to get the correct url as below:

```
<script type="text/javascript">
  $(document).ready(function ()
  {
    $.ajax({
      url:
        '<%=Microsoft.AspNet.FriendlyUrl:
          type: 'POST',
          contentType: 'applicat:
          dataType: 'json',
          success: function (resi
            var resultData = (r
            alert(resultData);
          },
    },
  },
);
```

```
error : function(){  
    alert('error');  
}  
});  
});  
</script>
```

answered Sep 21 '15 at 18:40

[dhruvpatel](#)

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```
public static class RouteConfig  
{  
    public static void RegisterRoutes(  
    {  
        var settings = new FriendlyUr  
        //Esta wea se deshabilita par  
        //settings.AutoRedirectMode =  
        settings.AutoRedirectMode = Re  
        routes.EnableFriendlyUrls(sett  
    }  
}
```

edited Oct 23 '18 at 19:11

[Hossein Golshani](#)

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answered Oct 23 '18 at 18:44

[Cristian](#)

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Dear, the error 401 that throws
autocomplete is solved by changing
the parameter
settings.AutoRedirectMode =
RedirectMode.Off; which is in the
visual studio 2017 RouteConfig. –
[Cristian](#) Oct 23 '18 at 18:48