Returning Partialview & JSON from MVC 5 Controller

Asked 3 years, 8 months ago Active 3 years, 8 months ago Viewed 5k times



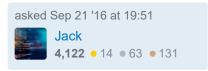
In an MVC5 project, I open a modal dialog and in case there is an exception, I want to open this dialog and display a message on a div in this dialog. As far as I see, I should follow the approach as rendering partialview into a string, but most of the examples does not work in MVC5 as on Return Partial View and JSON from ASP.NET MVC Action. Is there any similar or better approach working for MVC5?











you want to show the errors on the modal and not the partial view it self with errors right? - Monah Sep 21 '16 at 20:06

Actually I render the partial view for create, update, etc. and if there is an error in the Create action method in the controller, I want to render _Error partialview instead of _Create and display some messages (returned from the action method as json) in the _Error partialview. – Jack | Sep 21 '16 at 20:10

2 Answers





You can do the following



Solution 1 (using partial views)



```
[HttpPost]
public ActionResult YourAction(YourModel model)
{
    if(model!=null && ModelState.IsValid)
    {
        // do your staff here
        Response.StatusCode = 200; // OK
        return PartialView("ActionCompleted");
```

```
}
else
{
    Response.StatusCode = 400; // bad request
    // ModelState.ToErrors() : is an extension method that convert
    // the model state errors to dictionary
    return PartialView("_Error",ModelState.ToErrors());
}
```

Your partial view should look like:

your script

```
<script>
    $(document).ready(function(){
         $('#formId').off('submit').on('submit', function(e){
               e.preventDefault();
               e.stopPropagation();
               var form = $('#formId');
               $.ajax({
                   url: form.attr('action'),
                   data: form.serialize(),
                   method: 'post',
                   success : function(result){
                        $('#detailId').replaceWith(result);
                        // another option you can close the modal and refresh your data.
                   },
                   error: function(data, status, err){
                       if(data.status == 400){
                           $('#detailId').replaceWith(data.responseText);
               });
         });
   });
</script>
```

Solution 2 (using Json)

in your action

and your script should look like

```
<script>
   $(document).ready(function(){
         $('#formId').off('submit').on('submit', function(e){
              e.preventDefault();
              e.stopPropagation();
              var form = $('#formId');
              $.ajax({
                   url: form.attr('action'),
                   data: form.serialize(),
                   method: 'post',
                   success : function(result){
                        if(result.status==200) { // OK
                           // you might load another action or to redirect
                           // this conditions can be passed by the Json object
                        else{ // 400 bad request
                            // you can use the following toastr based on your comment
                            // http://codeseven.github.io/toastr/demo.html
                            var ul = $('')
                             for(var error in result.errors)
```

Finally, if you want the extension ModelState.ToErrors()

hope this will help you

edited Sep 22 '16 at 14:09

answered Sep 21 '16 at 20:37

Monah

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Thanks a lot, I will give a try. Voted+ - Jack Sep 21 '16 at 20:39

Not actually, but I preferred to use another approach and display toast message without opening modal dialog. Thanks... – Jack Sep 22 '16 at 13:40

toast message will contains the errors only, I asked you on your question comments how you want it, i will update the answer – Monah Sep 22 '16 at 13:48

@binary I updated the answer to include anotther approach – Monah Sep 22 '16 at 14:09

This is a valid example, i have used this technique many times. If it is a simple get call than i would suggest make a partial view of

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data you want to show and call it via jquery with code below.



```
$( "#result" ).load("@Url.Action("Account","HelloPartial")");
```



this will load the partial view its self in the popup. you won't have to convert it to strings.



answered Sep 21 '16 at 20:24

