

# IHttpActionResult and helper methods in ASP.NET Core

- ▲ 36 ▼ I'm trying to move my web api 2 project to ASP.NET 5. But I have many elements that are not present anymore.
- For example IHttpActionResult or Ok(), NotFound() methods. Or RoutePrefix []
- Should I change every IHttpActionResult with IActionResult ? Change Ok () with new ObjectResult ? (is it the same ?)
- ★ What about HttpConfiguration that seems no more present in startup.cs ?
- 4 [asp.net-web-api](#) [owin](#) [asp.net-core](#)

edited Jun 20 '16 at 22:05



tanguy\_k

6,470 2 31 40

asked May 28 '15 at 16:10



Tim

549 2 15 39

Even though there is a `WebApiComatShim` package in MVC 6 for this kind of portability scenarios, its recommended not to use it, So I would suggest to use the new MVC 6 way of doing things. – [Kiran Challa](#) May 28 '15 at 16:48

1 Regarding HttpConfiguration, have you looked at how the new `Startup.cs` looks like? Can you try moving it there? – [Kiran Challa](#) May 28 '15 at 16:54

the new mvc 6 way of doing this ... ok, but is `return Ok(mydata)` equivalent to `return new ObjectResult(mydata) { StatusCode = 200 };` ? – [Tim](#) May 28 '15 at 19:08

for httpconfiguration, i will try to do otherwise thanks – [Tim](#) May 28 '15 at 19:10

1 yes, what you have for `Ok` seems fine (you need not explicitly set the status code in this case...it should default to 200)....you could write your own base controller with these helper methods so that you need not change it in multiple controllers... – [Kiran Challa](#) May 28 '15 at 19:14

## 3 Answers

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```
public IActionResult Get(int id)
{
    if (id == 1) return HttpNotFound("not found!");
    return new ObjectResult("value: " + id);
}
```

Here's a good article with more detail:

<http://www.asp.net/vnext/overview/aspnet-vnext/create-a-web-api-with-mvc-6>

edited Aug 12 '15 at 19:45

answered Aug 12 '15 at 19:38



Sean

7,742 9 56 89

- 
- 14 Shouldn't he use `return Ok("value" + id) ? Ok()` is still there and seems the reasonable way to represent a 200-Ok response from the API. – CesarD Feb 23 '16 at 17:11
- 
- 3 @CesarD yes in the latest releases it has gone back to `NotFound` , `Ok` , etc. – Sean Feb 23 '16 at 20:36
- 
- 9 link is broken... – Alex Sep 14 '16 at 14:33
- 

### Updated reply-ish

5

I saw that someone referenced the `WebApiCompatShim` in a comment.

`WebApiCompatShim` is still maintained for this kind of portability scenarios and it is now released 1.1.0.

I saw that `Microsoft.AspNetCore.OData 1.0.0-rtm-00011` has `WebApiCompatShim` as a dependency. I don't know exactly what they are trying to achieve in this area, these are just facts.

If you're not into getting another compatibility package and you're looking into more refactoring work, you can look at the following approach: [WebApiCompatShim - how to configure for a REST api with MVC 6](#)

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```

{
    var item = new {Name= "test", id=1};
    return new OkObjectResult(item);
}

[HttpPost]
public ObjectResult Post([FromBody]string value)
{
    var item = new {Name= "test", id=1};
    return Ok(item);
}

```

edited May 23 '17 at 12:34



Community ♦

1 1

answered Jan 4 '17 at 17:36



Razvan Dumitru

5,130 3 20 43

At 2.2, the asp.net core migration guide state to replace IActionResult with ActionResult. This works for me:

```

[Produces("application/json")]
[HttpPost]
public ActionResult GetSomeTable([FromBody] GridState state)
{
    return Ok(new
    {
        data = query.ToList(),
        paging = new
        {
            Total = total,
            Limit = state.limit,
            page = state.page,
            Returned = query.Count()
        }
    });
}

```

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