How to return a specific status code and no contents from Controller?



91

I want the example controller below to return a status code 418 with no contents. Setting the status code is easy enough but then it seems like there is something that needs to be done to signal the end of the request. In MVC prior to ASP.NET Core or in WebForms that might be a call to Response.End() but how does it work in ASP.NET Core where Response.End does not exist?

```
public class ExampleController : Controller
{
    [HttpGet][Route("/example/main")]
    public IActionResult Main()
    {
        this.HttpContext.Response.StatusCode = 418; // I'm a teapot
        // How to end the request?
        // I don't actually want to return a view but perhaps the next
        // Line is required anyway?
        return View();
    }
}

c# asp.net-core asp.net-core-mvc asp.net-core-webapi
```

edited Jan 2 '18 at 19:17

Massimiliano Kraus

2,512 4 16 33

asked Jun 7 '16 at 21:58



3 Answers



this.HttpContext.Response.StatusCode = 418; // I'm a teapot

192 How to end the request?

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You could use StatusCode(???) to return any HTTP status code.

Also, you can use dedicated results:

Success:

- return 0k() ← Http status code 200
- return Created() ← Http status code 201
- return NoContent(); ← Http status code 204

Client Error:

- return BadRequest(); ← Http status code 400
- return Unauthorized(); ← Http status code 401
- return NotFound(); ← Http status code 404

More details:

- ControllerBase Class (Thanks @Technetium)
- <u>StatusCodes.cs</u> (consts aviable in ASP.NET Core)
- HTTP Status Codes on Wiki
- HTTP Status Codes IANA



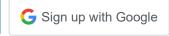
answered Jun 7 '16 at 23:07



50 there is no dedicated result for 418 Serious missing functionality here, Microsoft. – Jess Aug 31 '16 at 13:40 🖍

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Still, you can, just use StatusCodes from Microsoft.AspNetCore.Http namespace (github.com/aspnet/HttpAbstractions/blob/dev/src/...). -Lukasz Makowej Aug 5 '17 at 21:52 🎤



This code might work for non-.NET Core MVC controllers:

this.HttpContext.Response.StatusCode = 418; // I'm a teapot return Json(new { status = "mer" }, JsonRequestBehavior.AllowGet);



answered Dec 7 '17 at 12:45



1,040 12 10



If anyone wants to do this with a IHttpActionResult may be in a Web API project, Below might be helpful.



```
// GET: api/Default/
public IHttpActionResult Get()
   //return Ok();//200
   //return StatusCode(HttpStatusCode.Accepted);//202
   //return BadRequest();//400
   //return InternalServerError();//500
   //return Unauthorized();//401
   return Ok();
```

answered Jul 15 at 5:42



1 5 18

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