

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?

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```
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



Ron C

11.8k 6 45 82

3 Answers

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

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 Ok()` ← 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)
- [StatusCodes.cs](#) (consts aviable in ASP.NET Core)
- [HTTP Status Codes on Wiki](#)
- [HTTP Status Codes IANA](#)

edited May 3 at 16:08



Gabriel

1,544 2 13 28

answered Jun 7 '16 at 23:07



Lukasz Makowej

4,376 2 18 36

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

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- 3 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:

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

edited Jul 11 '18 at 8:21



PTD

737

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answered Dec 7 '17 at 12:45



sobelito

1,040

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

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▼ `// 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



PAVITRA

368

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