

[ApiController] attribute

Attribute routing only

Applying this attribute to your controller means it must only use [Route] attributes; it will never match conventional routes.

Automatic model state validation

It will internally check if the ModelState is valid, and produce an immediate 400 Bad Request response (short circuit) to the caller.

When a controller is annotated with the ApiController attribute it will automatically return a 400 BadRequest on validation errors

Automatic inferring of parameter binding strategies

One of the biggest annoyances of ASP.NET Core MVC was that you had to manually annotate complex parameters of your actions with [FromBody] attribute, to support deserializing them from request bodies. This is now handled automatically.