



HANDLE **JSONPATCH** **WITH C#**

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PACKAGE INSTALLATION

- Install the NuGet package:
Microsoft.AspNetCore.Mvc.NewtonsoftJson
- Call AddNewtonsoftJson.



```
var builder = WebApplication.CreateBuilder(args);  
  
builder.Services.AddControllers()  
    .AddNewtonsoftJson();
```

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PERSON CLASS

Let's create the person class



```
public class Person
{
    public int Id { get; set; }
    public string Name { get; set; }
    public string NickName { get; set; }
    public string Contact { get; set; }
}
```

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HTTP PATCH



```
[HttpPatch("{id}")]
public IActionResult Patch(int id, [FromBody] JsonPatchDocument<Person> patch)
{
    var fromDb = _context.Persons
                        .FirstOrDefault(a => a.Id == id);

    patch.ApplyTo(fromDb, ModelState);

    var isValid = TryValidateModel(fromDb);
    if (!isValid)
    {
        return BadRequest(ModelState);
    }
    _context.Update(fromDb);
    _context.SaveChanges();

    return NoContent();
}
```

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