

MINIMAL APIS

FLUENTVALIDATION



```
dotnet add package FluentValidation
```

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CREATE VALIDATOR



```
public class ItemValidator : AbstractValidator<Item>
{
    public ItemValidator()
    {
        RuleFor(m => m.Name)
            .NotEmpty()
            .WithMessage("The field 'Name' is required.");
        RuleFor(m => m.Price)
            .GreaterThan(0);
    }
}
```

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VALIDATE IN ENDPOINT



```
app.MapPost("/items", async (IValidator<Item> validator,
                             Item item,
                             MyContextDb db) =>
{
    ValidationResult validationResult = await validator.ValidateAsync(item);

    if (!validationResult.IsValid)
    {
        return Results.ValidationProblem(validationResult.ToDictionary());
    }

    db.Items.Add(item);
    await db.SaveChangesAsync();
    return Results.Created($"/items/{item.Id}", item);
});
```

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EXAMPLES OF VALIDATORS



```
RuleFor(customer => customer.Surname).NotNull();

RuleFor(customer => customer.Surname).NotEmpty();

RuleFor(customer => customer.Surname).NotEqual("Foo");

RuleFor(customer => customer.Surname).Equal("Foo");

RuleFor(customer => customer.Password).Equal(customer => customer.PasswordConfirmation);

RuleFor(customer => customer.Surname).Length(1, 250);

RuleFor(customer => customer.Surname).MinimumLength(10);

RuleFor(customer => customer.CreditLimit).LessThan(100);

RuleFor(customer => customer.CreditLimit).LessThan(customer => customer.MaxCreditLimit);
```

complete list on
[FluentValidation documentation](#)

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