

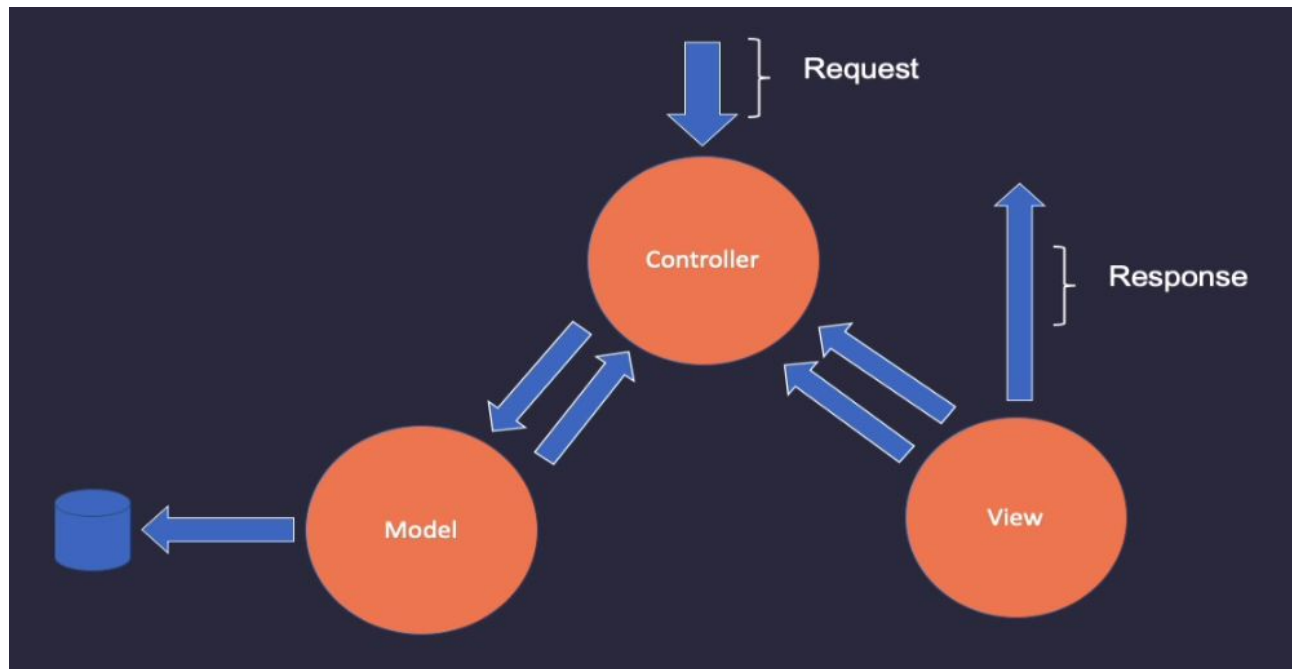


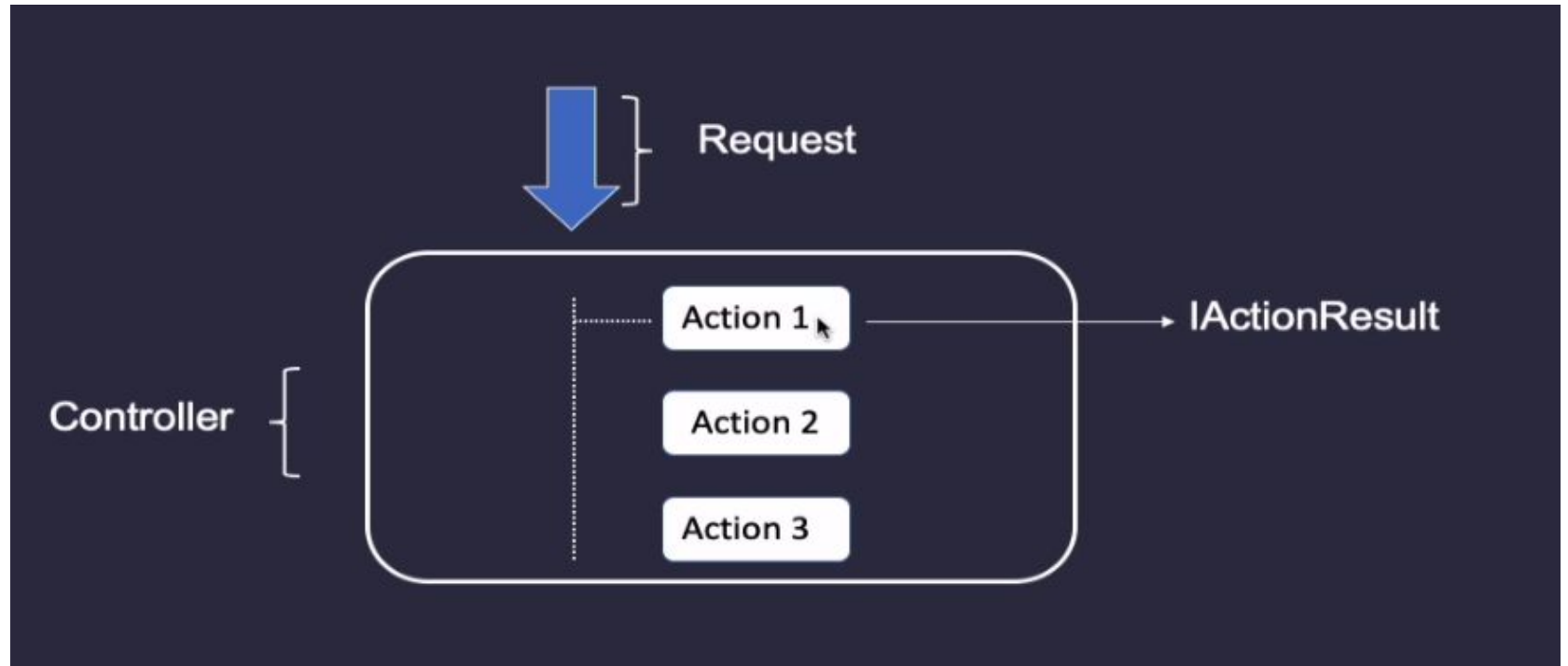
ASP.NET Core MVC

Objetivos

- Construir aplicacion CRUD
- Que es MVC
- Crear Controllers
- Crear Razor Pages
- Entender Enrutamiento en MVC
- Tipos de Views
- Tag Helpers
- Validaciones
- Model Binding

Patrón MVC





Controllers

AppController

AccountController

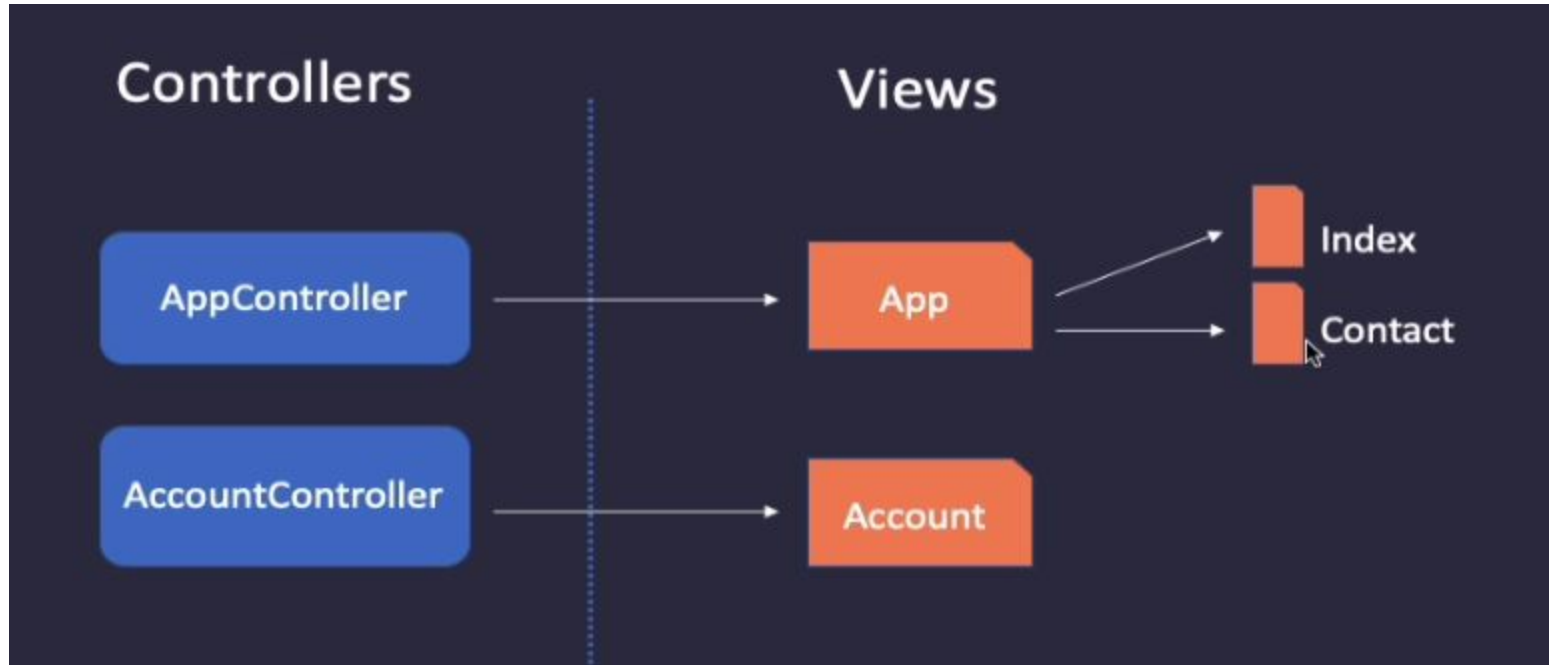
Views

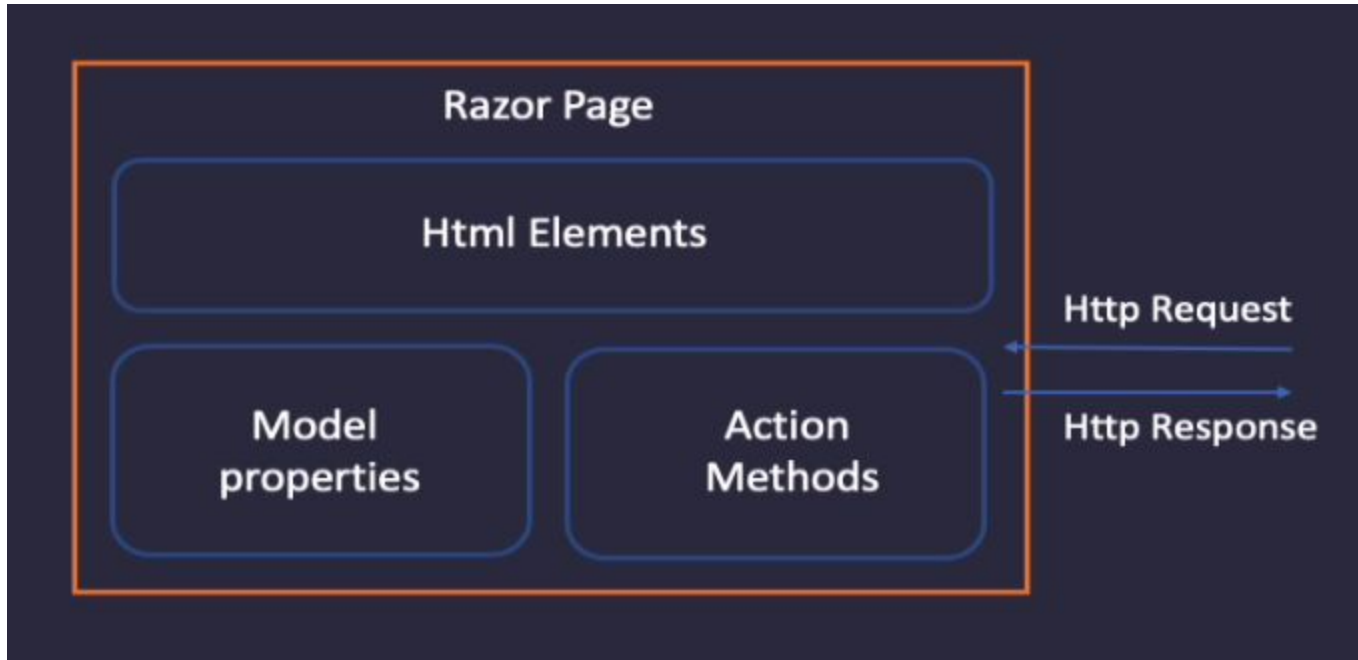
App

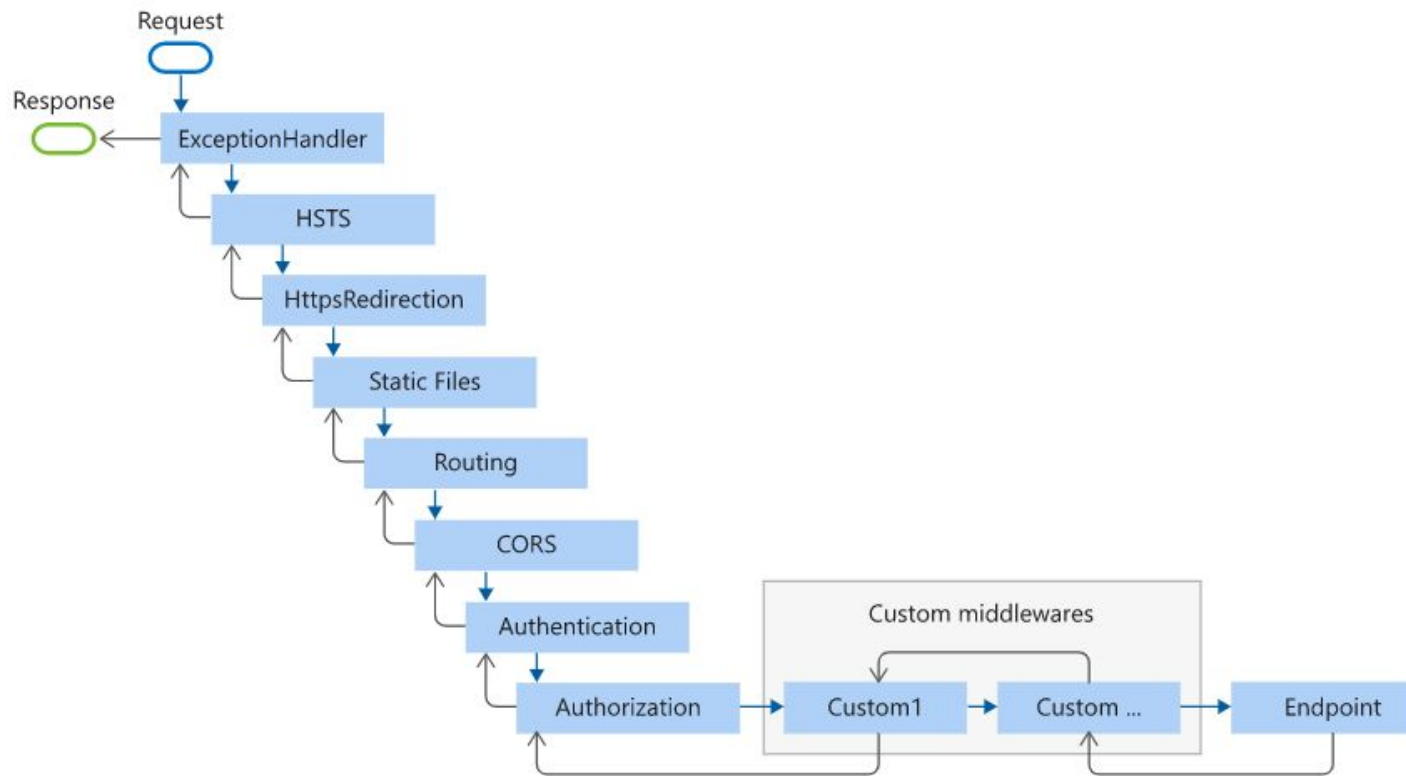
Account

Index

Contact







Header

The diagram illustrates a common web page layout. It features a blue header bar at the top, a green footer bar at the bottom, and a central content area. To the left of the content area is an orange sidebar for navigation. All sections have rounded corners. The entire layout is enclosed in a dark blue border.

Left Navigation

Content

Footer

File Edit Selection View Go Run Terminal Help

AppController.cs - ProjectoWeb - Copia - Visual Studio Code

Controllers > AppController.cs > {} ProjectoWeb.Controllers > ProjectoWeb.Controllers.AppController > Edit(object model)

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Threading.Tasks;
5 using Microsoft.AspNetCore.Mvc;
6
7 namespace ProjectoWeb.Controllers
8 {
9     0 references
10     public class AppController : Controller
11     {
12         0 references
13         public IActionResult Index(){
14             return View();
15         }
16
17         0 references
18         public IActionResult Edit(){
19             return View();
20         }
21
22         [HttpPost]
23         0 references
24         public IActionResult Edit(object model){
25             return View();
26         }
27
28         [HttpGet("about")]
29         0 references
30         public IActionResult About(){
31             //throw new InvalidOperationException();
32             return View();
33         }
34 }
```

VARIABLES

- Locals
 - this: (ProjectoWeb.Controllers.AppController)
 - model: (object)

WATCH

- this.Request: (Microsoft.AspNetCore.Http.DefaultHttpRequest)
- Body [Stream]: (Microsoft.AspNetCore.Server.Kestrel.Core.Interna...)
- BodyReader [PipeReader]: (Microsoft.AspNetCore.Server.Kestrel.Co...)
- ContentLength: 210
- ContentType [string]: "application/x-www-form-urlencoded"
- Cookies [IRequestCookieCollection]: (Microsoft.AspNetCore.Http.R...)
- Form [IFormCollection]: (Microsoft.AspNetCore.Http.FormCollectio...)
- Count [int]: 3
- Files [IFormFileCollection]: Count = 0
- Keys [ICollection]: Count = 3
 - [0] [string]: "name"
 - [1] [string]: "genre"
 - [2] [string]: "__RequestVerificationToken"
- Modo de Exibição Bruto
- Membros estáticos
- Membros não públicos
- Visualização dos Resultados: Expandir a Visualização dos Result...
- HasFormContentType [bool]: true

CALL STACK

- Console logger queue processing thread [PAUSED]
- .NET ThreadPool Gate [PAUSED]
- Kestrel Timer [PAUSED]
- <Sem Nome> [PAUSED]
- .NET ThreadPool Worker [PAUSED]
- .NET ThreadPool Worker [PAUSED ON BREAKPOINT]
- ProjectoWeb.dll!ProjectoWeb.Controllers.AppController.Edit(object model) [Código Externo] Unknown Source 0
- .NET ThreadPool Worker [PAUSED]
- .NET ThreadPool Worker [PAUSED]

BREAKPOINTS

- Todas as Exceções
- Exceções Não Tratadas pelo Usuário
- AppController.cs Controllers 12
- AppController.cs Controllers 21
- Program.cs 6

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL .NET INTERACTIVE JUPYTER

Filter (e.g. text, !exclude)

Microsoft.Hosting.Lifetime: Information: Content root path: C:\Users\Marcos\source\repos\ProjectoWeb - Copia\

Info: Microsoft.Hosting.Lifetime[0]

Content root path: C:\Users\Marcos\source\repos\ProjectoWeb - Copia\

Carregado 'Anonymously Hosted DynamicMethods Assembly'.


Carregado 'C:\Program Files\dotnet\shared\Microsoft.AspNetCore.App\6.0.11\Microsoft.AspNetCore.WebUtilities.dll'. Carregamento de símbolos ignorado. O módulo está otimizado e a opção do depurador 'Apenas Meu Código' está habilitada.

Carregado 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.11\System.Security.Cryptography.Algorithms.dll'. Carregamento de símbolos ignorado. O módulo está otimizado e a opção do depurador 'Apenas Meu Código' está habilitada.

Carregado 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.11\Microsoft.CSharp.dll'. Carregamento de símbolos ignorado. O módulo está otimizado e a opção do depurador 'Apenas Meu Código' está habilitada.


Carregado 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.11\System.Net.WebSockets.dll'. Carregamento de símbolos ignorado. O módulo está otimizado e a opção do depurador 'Apenas Meu Código' está habilitada.


▼ WATCH

```
▼ this.Request: {Microsoft.AspNetCore.Http.DefaultHttpRequest}
  > Body [Stream]: {Microsoft.AspNetCore.Server.Kestrel.Core.Interna...
  > BodyReader [PipeReader]: {Microsoft.AspNetCore.Server.Kestrel.Co...
    ContentLength: 210
    ContentType [string]: "application/x-www-form-urlencoded"
  > Cookies [IRequestCookieCollection]: {Microsoft.AspNetCore.Http.R...
  ▼ Form [IFormCollection]: {Microsoft.AspNetCore.Http.FormCollectio...
    Count [int]: 3
    > Files [IFormFileCollection]: Count = 0
    > Keys [ICollection]: Count = 3
    > Membros estáticos
    > Membros não públicos
  ▼ Visualização dos Resultados: Expandir a Visualização dos Re... 
    > [0] [KeyValuePair]: {[name, marcos]}
    > [1] [KeyValuePair]: {[genre, Masculino]}
    > [2] [KeyValuePair]: {[__RequestVerificationToken, CfDJ38FLzxbs1...
    HasFormContentType [bool]: true
  > Headers [IHeaderDictionary]: {Microsoft.AspNetCore.Server.Kestre...
```

```
15  
16 0 references  
17 public IActionResult Edit(){  
18     return View();  
19 }  
20 [HttpPost]  
21 0 references  
22 public IActionResult Edit(PeliculaViewModel model){  
23     return View();  
24 }
```

{ProyectoWeb.ViewModel.PeliculaViewModel}

Genre [string]: "Masculino" 

Name [string]: "marcos" 

Hold Alt key to switch to editor language hover

▼ WATCH

```
> this.Request: {Microsoft.AspNetCore.Http.DefaultHttpRequest}
▼ ModelState: {Microsoft.AspNetCore.Mvc.ModelBinding.ModelStateDictionary}
    Count [int]: 2
    ErrorCount [int]: 2
    HasReachedMaxErrors [bool]: false
    IsValid [bool]: false
    > Keys: {Microsoft.AspNetCore.Mvc.ModelBinding.ModelStateDictionary.KeyEnumerable}
    MaxAllowedErrors [int]: 200
    > Root [ModelStateEntry]: SubKey={}, Key="", ValidationState=Unvalidated
    ValidationState [ModelValidationState]: Invalid
    > Values: {Microsoft.AspNetCore.Mvc.ModelBinding.ModelStateDictionary.ValueEnumerable}
    > Membros estáticos
    > Membros não públicos
▼ Visualização dos Resultados: Expandir a Visualização dos Resultados vai enumerar o IEnumerable
▼ [0] [KeyValuePair]: {[Name, Microsoft.AspNetCore.Mvc.ModelBinding.ModelStateDictionary+ModelStateNode]}
    Key [string]: "Name"
    ▼ Value [ModelStateEntry]: SubKey={Name}, Key="Name", ValidationState=Invalid
        AttemptedValue [string]: ""
        > ChildNodes [List]: null
        Children [IReadOnlyList]: null
    ▼ Errors [ModelErrorCollection]: Count = 1
    ▼ [0]: {Microsoft.AspNetCore.Mvc.ModelBinding.ModelError}
        ErrorMessage [string]: "The Name field is required."
        > Exception [Exception]: null
    > Modo de Exibição Bruto
```