

EXTREME 360°

MVCBr – POO sem deixar de ser RAD

amarildo lacerda



Apoio



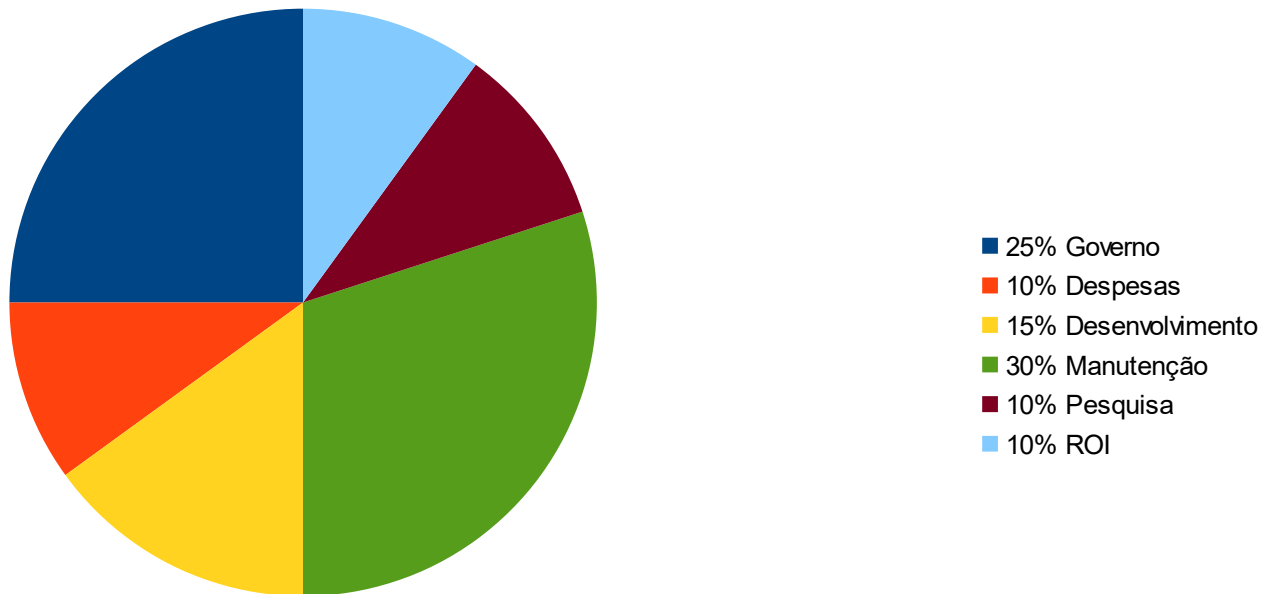
Agenda MVCB

Onqueu tô?

Onqueu vô?

PQcqM

O destino da Receita



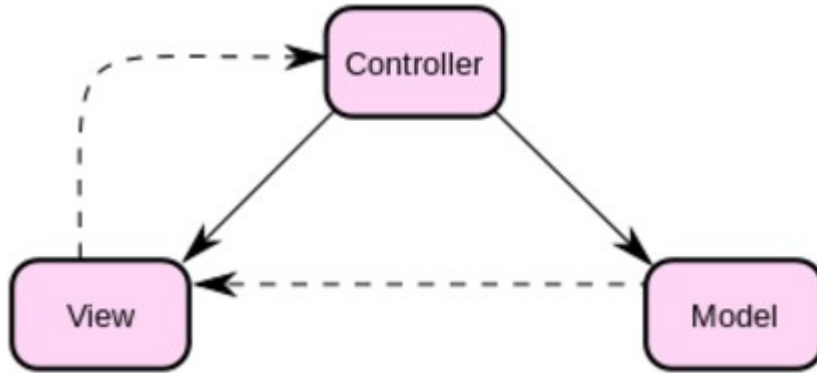
Arquitetura de Software

P	Para quem estamos implementando
Q	Quanto Custo – Mais POG mais Custo
c	Como fazer – Arquitetura de Software
q	Quando ficará pronto
M	Manutenção

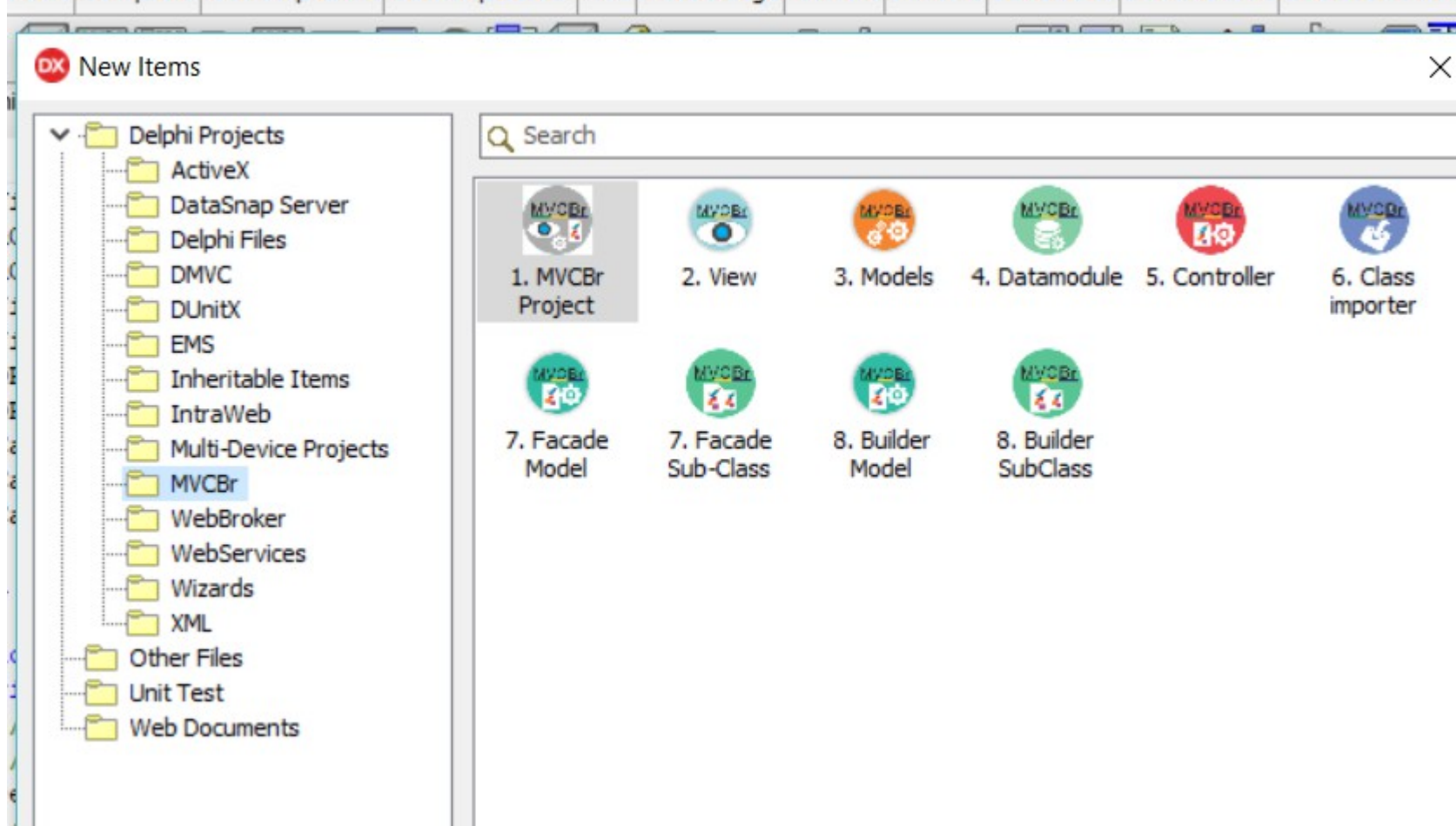
Demo



Relacionamento entre Artefatos

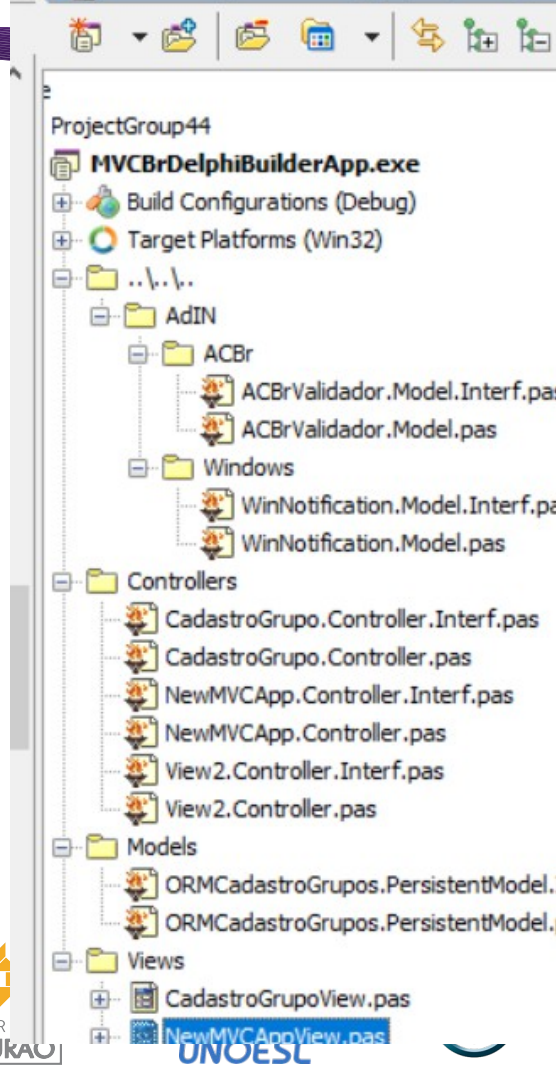


- 1 View
- 1 Controller
- N Models



Organização UNIT

- Controllers
- Models
- Views
- Builders



O projeto

```
- { $R *.res }  
-  
- function CheckApplicationAuth: boolean;  
- begin  
-     // retornar True se o applicatio pode ser carregado  
-     //             False se não foi autorizado inicialização  
-     result := true;  
- end;  
)  
- begin  
-     /// Inicializa o Controller e Roda o MainForm  
-     if CheckApplicationAuth then  
-         ApplicationController.Run(TNewMVCApController.New);  
-     end.  
5
```

FormEvents

- OnViewCommand - Interno
- OnViewEvent – Custom entre Views
- OnViewInit – Init View Event
- OnViewUpdate – Entre Artefatos

```
procedure TView2View.Button1Click(Sender: TObject);  
var  
    h: boolean;  
begin  
    ApplicationController.ViewEvent(edit1.text, h)  
end;
```

NewMVCAppView TNewMVCAppView

Search

Properties Events

OnMouseDown	
OnMouseEnter	
OnMouseLeave	
OnMouseMove	
OnMouseUp	
OnMouseWheel	
OnMouseWheelDown	
OnMouseWheelUp	
OnPaint	
OnResize	
OnShortCut	
OnShow	
OnStartDock	
OnUnDock	
>> OnViewCommand	FormFactoryViewCommand
OnViewEvent	FormFactoryViewEvent
OnViewInit	FormFactoryViewInit
OnViewUpdate	FormFactoryViewUpdate
PopupMenu	
PopupParent	
WindowMenu	

UNOESC

Nilton Lins

View → TabSheet

```
-  
-  
- procedure TNewMVCAppView.Button4Click(Sender: TObject);  
- begin  
-     PageViewAdapter.addView(ICadastroGrupoController);  
- end;  
-
```

Iniciando uma nova janela ShowModal

```
1 |  
2 |  
3 | - procedure TNewMVCAppView.Button1Click(Sender: TObject);  
4 |   begin  
5 |     resolveController<IView2Controller>.ShowView(nil, false);  
6 |   end;  
7 |
```

Adicionar Model ao Controller

```

[ ] /// Adicionar os modulos e MODELS personalizados
[ ] Procedure TNewMVCAppController.CreateModules;
begin
    // adicionar os seus MODELS aqui
    // exemplo: add( MeuModel.new(self) );
    add(TWinNotificationModel.New(self));
    add(TACBrValidadorModel.New(self));
end;
```


Chamando um Model

```
procedure TNewMVCAppView.WindowsNotificacao(ATitle: string; ATexto: string);  
var  
    ANf: IWinNotificationModel;  
begin  
    ANf := GetModel<IWinNotificationModel>;  
    ANf.Send(ATitle, 'MVCBr Delphi Notification', ATexto);  
end;  
  
procedure TNewMVCAppView.Button2Click(Sender: TObject);  
var  
    rt: string;  
begin  
    rt := GetModel<IACBrValidadorModel>.ValidarCNPJouCPF(Edit1.text);  
    if rt = '' then  
        showMessage('ok - CPF Válido')  
    else  
        showMessage(rt);  
end;
```


Observer Subscribe

```
procedure TNewMVCAppView.FormFactoryCreate(Sender: TObject);  
begin  
    TMVCBrObservable.subscribe(self, 'notify',  
        procedure(JSON: TJSONValue)  
        begin  
            WindowsNotificacao('Delphi MVCBr 2017', JSON.s('message'));  
            Memol.lines.add('Mensagem recebida: ' + JSON.ToJson);  
        end);  
end;
```

Notify

```
procedure TView2View.Button2Click(Sender: TObject);  
var js:TJsonObject;  
begin  
    js := TJsonObject.create as TJsonObject;  
    js.addpair('message',edit1.text);  
    TMVCBrObservable.Notify('notify',js);  
end;
```

Unsubscribe

```
procedure TNewMVCAppView.FormFactoryDestroy(Sender: TObject);  
begin  
    TMVCBrObservable.Unsubscribe(self);  
end;
```

Exemplo

•

- <https://github.com/amarildolacerda/MVCBr/Dev/Exemplos/vcl/PooSemDeixarSerRAD>

Perguntas?



Obrigado

amarildo lacerda

blog: tireideletra.com.br

<https://github.com/amarildolacerda/MVCBr>

