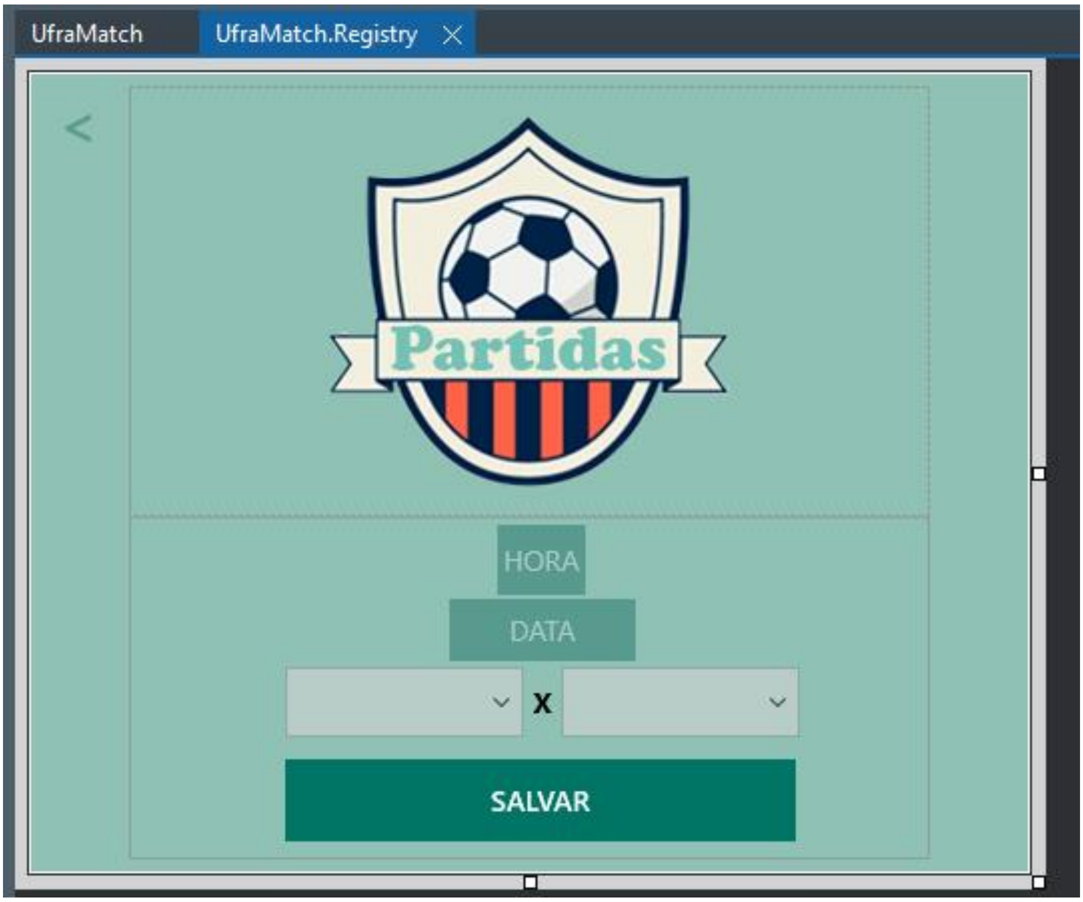
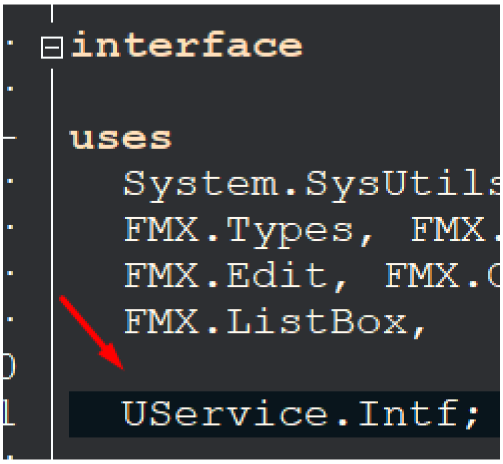
# MANUAL UNIT MATCH.REGISTRY

## (Passo a Passo)



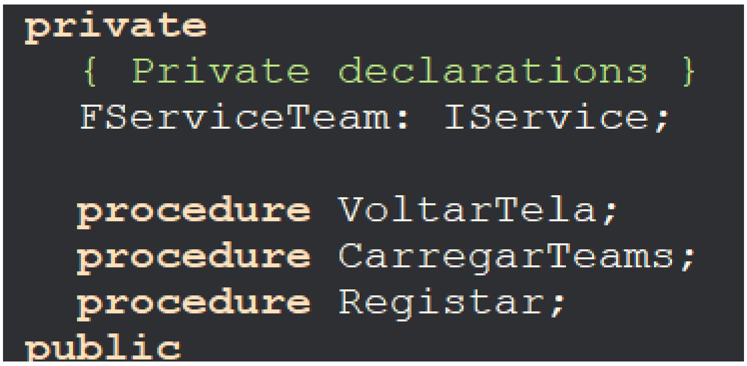
# Sumário

1. Uses Interface



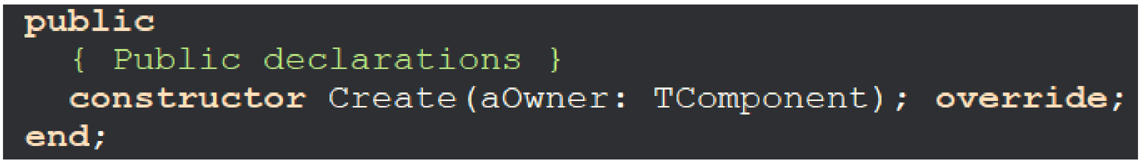
```
interface

uses
  System.SysUtils
  FMX.Types, FMX.
  FMX.Edit, FMX.
  FMX.ListBox,

  UService.Intf;
```

2. Métodos e Atributos Privados



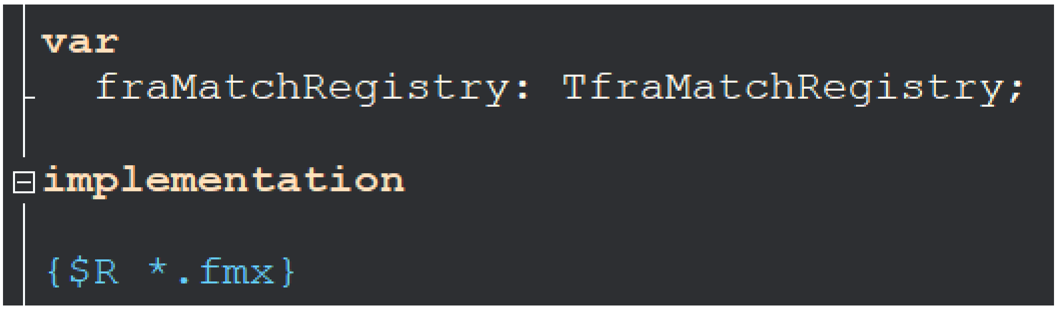
```
private
  { Private declarations }
  FServiceTeam: IService;

  procedure VoltarTela;
  procedure CarregarTeams;
  procedure Registar;
public
```

3. Métodos Públicos



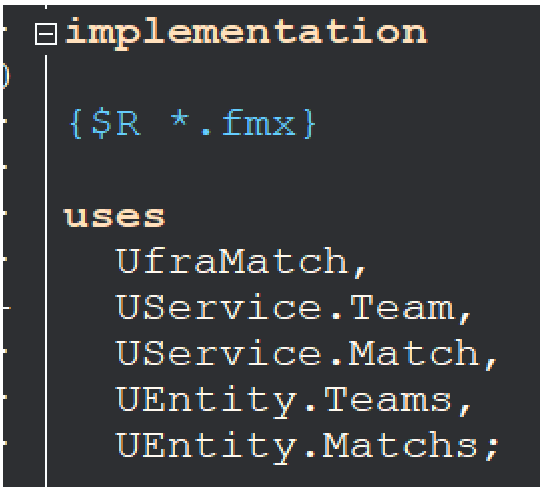
```
public
  { Public declarations }
  constructor Create(aOwner: TComponent); override;
end;
```

4. Variável do Frame



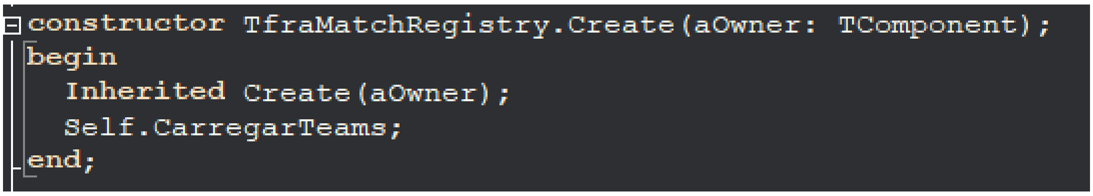
```
var
  fraMatchRegistry: TfraMatchRegistry;

implementation

{$R *.fmx}
```

## 5. Uses Implementation



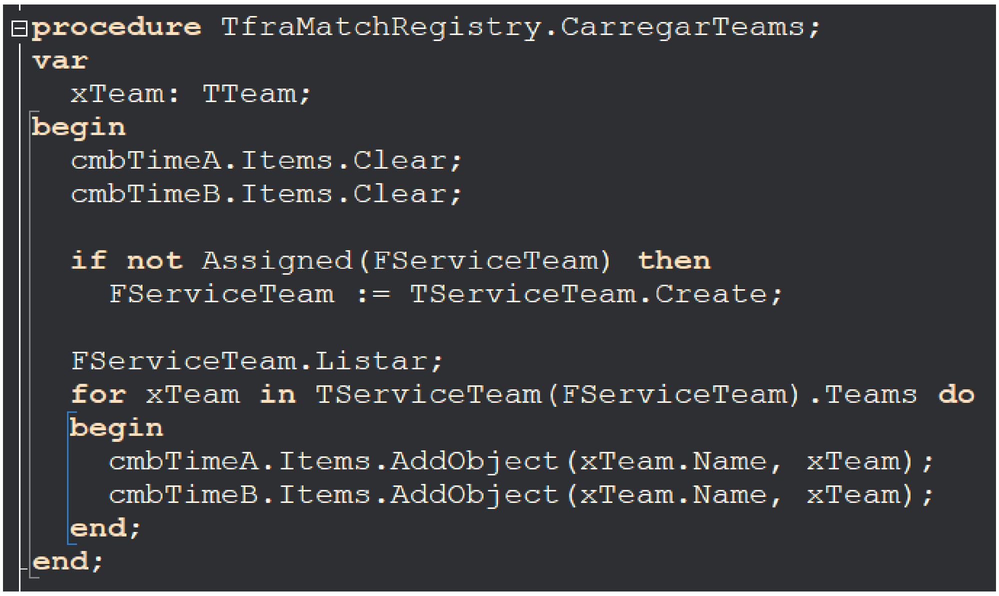
```
implementation

{$R *.fmx}

uses
  UfraMatch,
  UService.Team,
  UService.Match,
  UEntity.Teams,
  UEntity.Matchs;
```

## 6. Constructor Create



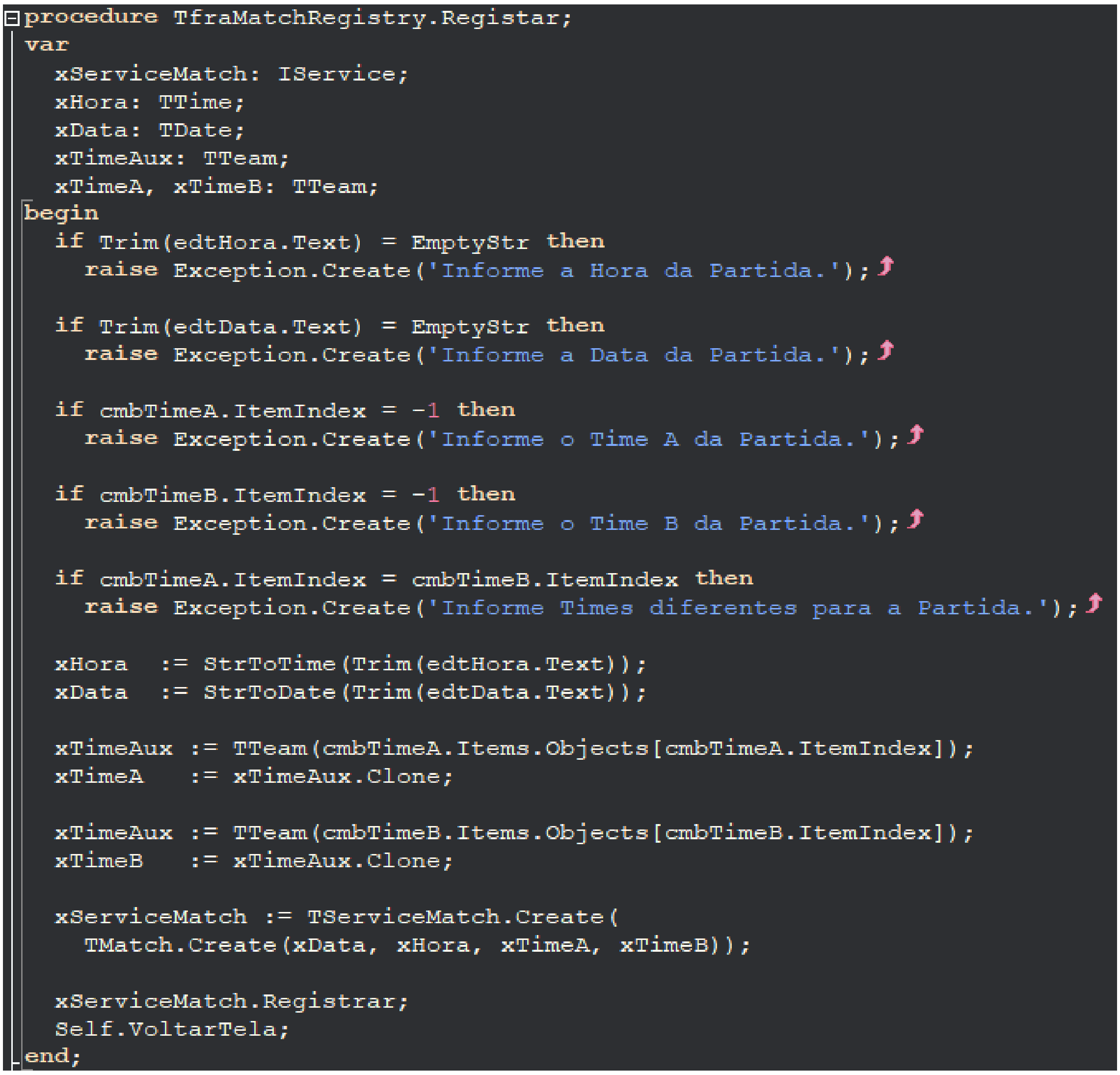
```
constructor TfraMatchRegistry.Create(aOwner: TComponent);
begin
  Inherited Create(aOwner);
  Self.CarregarTeams;
end;
```

## 7. Método CarregarTeams



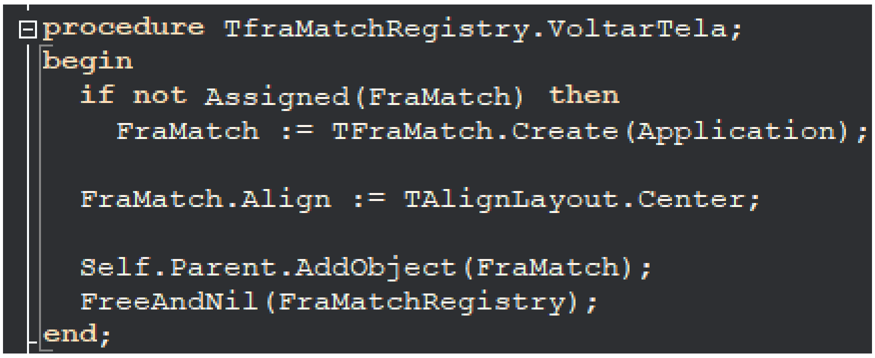
```
procedure TfraMatchRegistry.CarregarTeams;
var
  xTeam: TTeam;
begin
  cmbTimeA.Items.Clear;
  cmbTimeB.Items.Clear;

  if not Assigned(FServiceTeam) then
    FServiceTeam := TServiceTeam.Create;

  FServiceTeam.Listar;
  for xTeam in TServiceTeam(FServiceTeam).Teams do
  begin
    cmbTimeA.Items.AddObject(xTeam.Name, xTeam);
    cmbTimeB.Items.AddObject(xTeam.Name, xTeam);
  end;
end;
```

## 8. Método Registrar



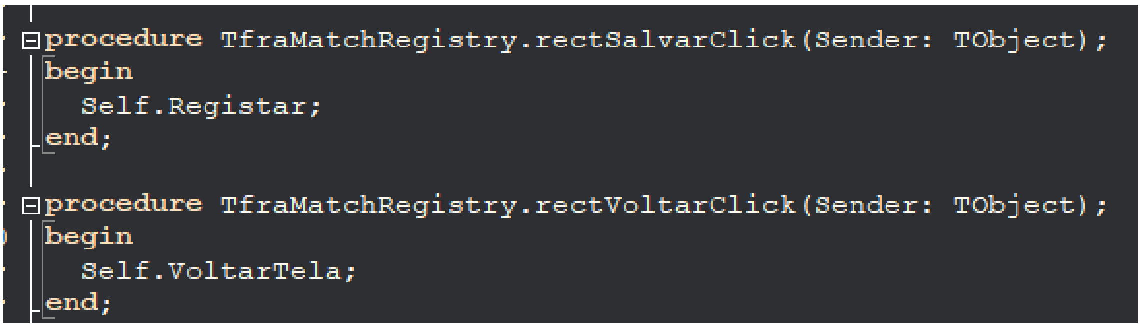
```
procedure TfraMatchRegistry.Registar;
var
  xServiceMatch: IService;
  xHora: TTime;
  xData: TDate;
  xTimeAux: TTeam;
  xTimeA, xTimeB: TTeam;
begin
  if Trim(edtHora.Text) = EmptyStr then
    raise Exception.Create('Informe a Hora da Partida.');

  if Trim(edtData.Text) = EmptyStr then
    raise Exception.Create('Informe a Data da Partida.');

  if cmbTimeA.ItemIndex = -1 then
    raise Exception.Create('Informe o Time A da Partida.');

  if cmbTimeB.ItemIndex = -1 then
    raise Exception.Create('Informe o Time B da Partida.');

  if cmbTimeA.ItemIndex = cmbTimeB.ItemIndex then
    raise Exception.Create('Informe Times diferentes para a Partida.');

  xHora  := StrToTime(Trim(edtHora.Text));
  xData  := StrToDate(Trim(edtData.Text));

  xTimeAux := TTeam(cmbTimeA.Items.Objects[cmbTimeA.ItemIndex]);
  xTimeA   := xTimeAux.Clone;

  xTimeAux := TTeam(cmbTimeB.Items.Objects[cmbTimeB.ItemIndex]);
  xTimeB   := xTimeAux.Clone;

  xServiceMatch := TServiceMatch.Create(
    TMatch.Create(xData, xHora, xTimeA, xTimeB));

  xServiceMatch.Registrar;
  Self.VoltarTela;
end;
```

## 9. Método VoltarTela



```
procedure TfraMatchRegistry.VoltarTela;
begin
  if not Assigned(FraMatch) then
    FraMatch := TFraMatch.Create(Application);

  FraMatch.Align := TAlignLayout.Center;

  Self.Parent.AddObject(FraMatch);
  FreeAndNil(FraMatchRegistry);
end;
```

## 10. Eventos Click do RectSalvar e RectVoltar



```
procedure TfraMatchRegistry.rectSalvarClick(Sender: TObject);
begin
  Self.Registar;
end;

procedure TfraMatchRegistry.rectVoltarClick(Sender: TObject);
begin
  Self.VoltarTela;
end;
```