

embarcadero®

# Delphi Academy

Dicas rápidas, truques e técnicas



## Apps Mobile: Protótipo Final de Interface

Fernando Rizzato  
Lead Software Consultant, *Latin America*

# AGENDA

- Diálogos Modais
- Múltiplos Formulários
- Demos
  - Simulando um Modal
  - Navegação por Tabs
  - Home Screen

# DIÁLOGOS MODAIS

## ■ Padrão Clássico

- Modo "input blocking"
- Windows, macOS e iOS

```
var
  dlg: TForm1;
begin
  dlg := TForm1.Create(nil);
  try
    // select current value, if available in the list
    dlg.ListBox1.ItemIndex := dlg.ListBox1.Items.IndexOf(edit1.Text);
    if dlg.ShowModal = mrOK then
      // if OK was pressed and an item is selected, pick it
      if dlg.ListBox1.ItemIndex >= 0 then
        edit1.Text := dlg.ListBox1.Items [dlg.ListBox1.ItemIndex];
    finally
      dlg.Free;
    end;
```

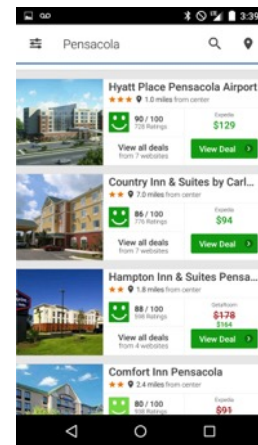
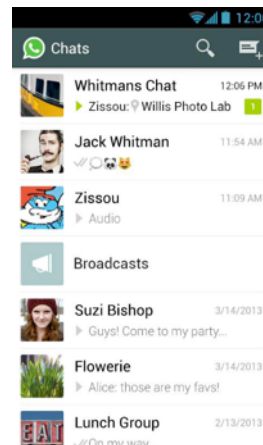
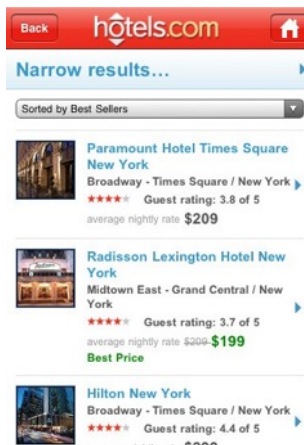
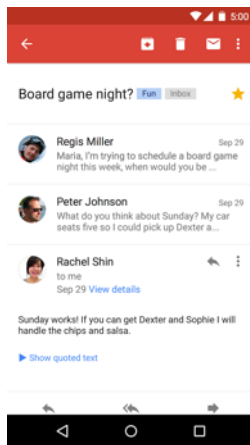
## ■ Nova Abordagem

- Modo "not blocking"
- Android\* (Win, macOS e iOS)

```
var
  dlg: TForm1;
begin
  dlg := TForm1.Create(nil);
  // select current value, if available in the list
  dlg.ListBox1.ItemIndex := dlg.ListBox1.Items.IndexOf(Edit1.Text);
  dlg.ShowModal(
    procedure(ModalResult: TModalResult)
    begin
      if ModalResult = mrOK then
        // if OK was pressed and an item is selected, pick it
        if dlg.ListBox1.ItemIndex >= 0 then
          edit1.Text := dlg.ListBox1.Items [dlg.ListBox1.ItemIndex];
        dlg.DisposeOf;
      end);
```

# MÚLTIPLOS FORMULÁRIOS

- O conceito de MDI está restrito ao mundo Windows
- Mobile exige uma *view* (formulário) a cada vez
- Um form ocupa toda a interface no mundo mobile
- Aprenda observando aplicações de sucesso



DEMOS

# RECURSOS ADICIONAIS

## ■ Documentação

- [http://docwiki.embarcadero.com/RADStudio/Tokyo/en/Using\\_FireMonkey\\_Modal\\_Dialog\\_Boxes](http://docwiki.embarcadero.com/RADStudio/Tokyo/en/Using_FireMonkey_Modal_Dialog_Boxes)
- <http://docwiki.embarcadero.com/Libraries/Tokyo/en/FMX.DialogService.TDialogService.MessageDialog>
- <http://docwiki.embarcadero.com/Libraries/Tokyo/en/FMX.DialogService.TDialogService.ShowMessage>
- <http://docwiki.embarcadero.com/Libraries/Tokyo/en/FMX.DialogService.TDialogService.InputQuery>
- [http://docwiki.embarcadero.com/RADStudio/Tokyo/en/Anonymous\\_Methods\\_in\\_Delphi](http://docwiki.embarcadero.com/RADStudio/Tokyo/en/Anonymous_Methods_in_Delphi)

## ■ Blogs

- <https://community.embarcadero.com/blogs/entry/simulating-transparent-dialog-on-firemonkey-mobile>
- [http://blog.marcocantu.com/blog/xe5\\_anonymous\\_showmodal\\_android.html](http://blog.marcocantu.com/blog/xe5_anonymous_showmodal_android.html)
- <http://www.malcolmgroves.com/blog/?p=1585>

# OBRIGADO!

## Perguntas?

Você pode me encontrar em:  
@FernandoRizzato  
fernando.rizzato@embarcadero.com

Siga-nos em  
*fb.com/DelphiBrasil*  
*fb.com/EmbarcaderoBR*