



Embarcadero Delphi Conference

Desenvolvendo para
Windows Phone 7 com
Prism XE3



Bruno Sonnino

sonnino@revolution.com.br

@bsonnino

Plataforma de Hardware

Metro UI

Plataforma de Software

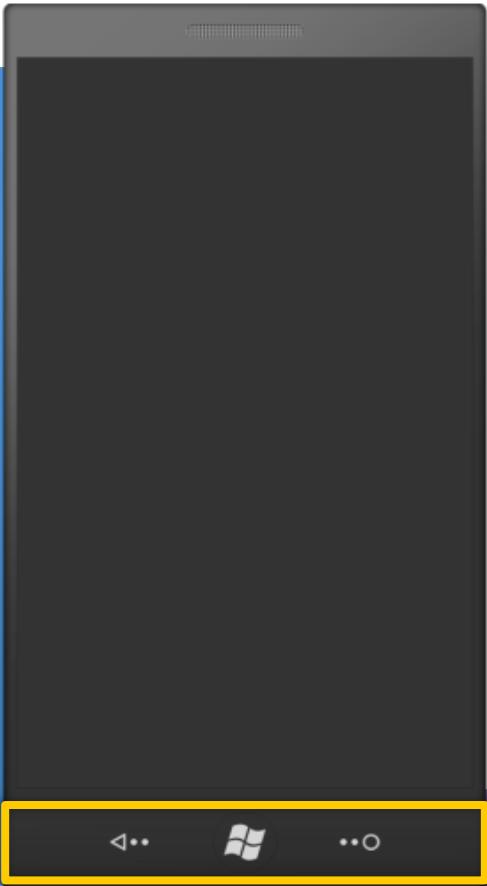
Silverlight para Windows Phone 7

Controles

Temas e Estilos

Panorama e Pivot

Marketplace



Tela capacitiva

4 ou mais pontos de contato

Sensores

A-GPS, Acelerômetro, Bússola, Luz, Proximidade, Giroscópio

Câmera

5 mega pixels ou mais

Multimedia

Aceleração de Codecs

Memória

256MB RAM ou mais, 8GB Flash ou mais

GPU

Aceleração por hardware e DirectX 9

CPU

Qualcomm MSM8x55 800Mhz ou maior

• • •

Botões | Voltar, Iniciar, Buscar

Sensores

GPS

Acelerômetro

Bússola

Giroscópio

Movimento

UI Microsoft Style

Conteúdo, layout e tipografia

Moderno e limpo

Não há decoração

Redução de elementos



| TIME | PLATEAU | STATION | TIME |
|-------|---------|---------|------|
| 10:10 | 3B | 準點 | |
| 15:25 | 3A | 準點 | |
| 15:30 | 3B | 準點 | |
| 15:45 | 3B | 準點 | |

Arquitetura de Software



Ferramentas



Microsoft Expression Blend

Emulador

XNA Game Studio

Ferramentas

Documentação

Testes

Comunidade

Packaging and Verification Tools

Tecnologia



Microsoft Silverlight



Sensores

Media

Data

Localização

Phone

Serviços

Notificação

.NET Framework managed code sandbox



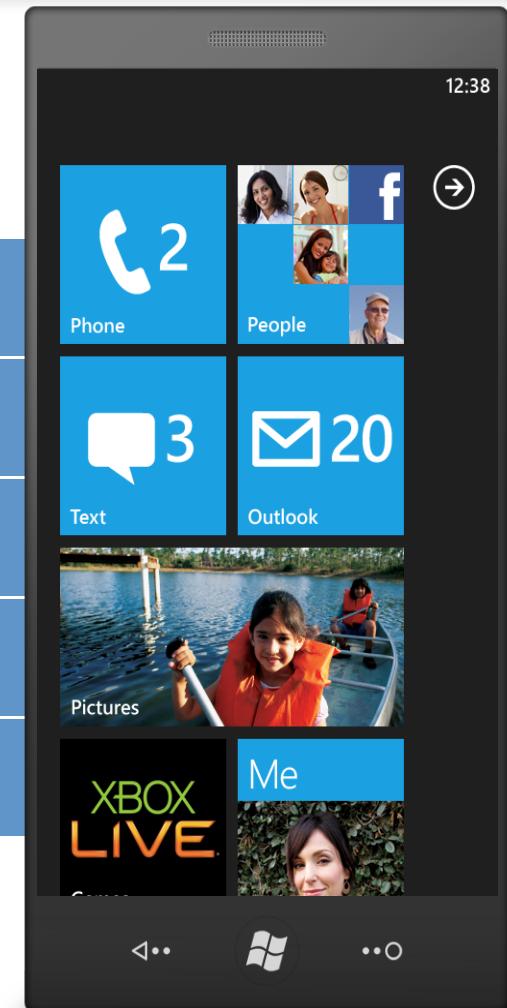
Desempenho

Entrada de dados

Integração com sensores

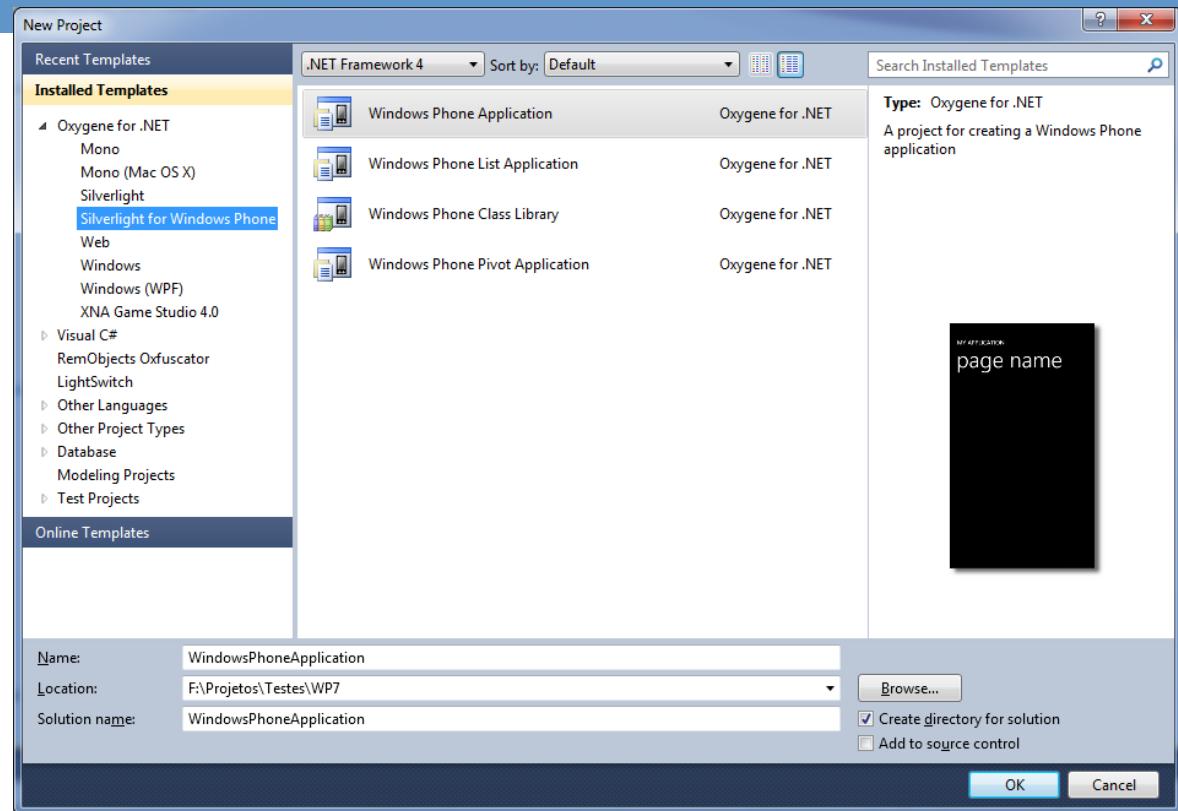
Diferente ciclo de vida

Sandbox com restrições minimizadas



Windows Phone 7 SDK and Tools [http://
create.msdn.com](http://create.msdn.com)

Embarcadero Prism XE3



eXtensible Application Markup Language

Arquivo XML

Contém os objetos do design na página

```
<Grid x:Name="LayoutRoot" Background="Transparent">
    <Button Content="Olá, Mundo" Width="260" Height="72"/>
</Grid>
```



Controles



Embarcadero
Delphi Conference

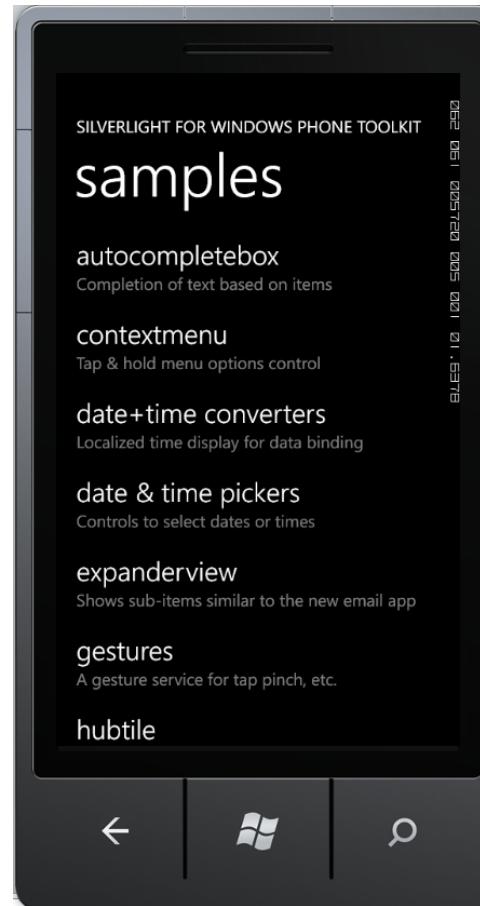
| | | | | |
|-----------------------|-------------------------|----------------------|--------------|----------------|
| Border | Button | Canvas | CheckBox | ContentControl |
| ContentPresenter | Copyright | Ellipse | Glyphs | Grid |
| HyperlinkButton | Image | InkPresenter | ItemsControl | ItemsPresenter |
| ListBox | ListBoxItem | LoadingError Message | Logo | Map |
| MapItemsControl | MapLayer | MapPolygon | MapPolyline | MapTileLayer |
| MediaElement | MultiScaleImage | Panorama | PanoramaItem | PasswordBox |
| PhoneApplication Page | Pivot | PivotItem | Popup | ProgressBar |
| Pushpin | RadioButton | Rectangle | RepeatButton | Scale |
| ScrollBar | ScrollContent Presenter | ScrollViewler | ShadowText | Slider |
| StackPanel | TextBlock | TextBox | Thumb | ToggleButton |
| UserControl | WebBrowser | ZoomBar | | |

Silverlight Toolkit for Windows Phone



<http://silverlight.codeplex.com>

- ▲ Microsoft.Phone.Controls.Toolkit Controls
 - Pointer
 - AutoCompleteBox (Microsoft.Phone.Co...)
 - ContextMenu (Microsoft.Phone.Controls)
 - DatePicker (Microsoft.Phone.Controls)
 - DateTimePickerBase (Microsoft.Phone....)
 - ExpanderView (Microsoft.Phone.Controls)
 - HeaderedItemsControl (System.Window...)
 - HubTile (Microsoft.Phone.Controls)
 - ListPicker (Microsoft.Phone.Controls)
 - ListPickerItem (Microsoft.Phone.Controls)
 - LongListSelector (Microsoft.Phone.Cont...)
 - LoopingSelector (Microsoft.Phone.Cont...)
 - LoopingSelectorItem (Microsoft.Phone....)
 - MenuItem (Microsoft.Phone.Controls)
 - MultiselectItem (Microsoft.Phone.Contr...)
 - MultiselectList (Microsoft.Phone.C onto...)
 - PerformanceProgressBar (Microsoft.Pho...)
 - PhoneTextBox (Microsoft.Phone.C onto...)
 - RecurringDaysPicker (Microsoft.Phone....)
 - RelativeAnimatingContentControl (Micr...)
 - Separator (Microsoft.Phone.Controls)
 - TemplatedListBox (Microsoft.Phone.Co...)
 - TimePicker (Microsoft.Phone.Controls)
 - ToggleSwitch (Microsoft.Phone.Controls)
 - ToggleSwitchButton (Microsoft.Phone....)
 - TransitionFrame (Microsoft.Phone.Cont...)
 - WrapPanel (Microsoft.Phone.Controls)



Demo



PROGRAMA WP7



**Embarcadero
Delphi Conference**

Temas



- magenta
- purple
- teal
- lime
- brown
- pink
- orange
- blue
- red
- green

Demo



TEMAS



**Embarcadero
Delphi Conference**



The image displays the Windows 8 operating system interface. On the left, the Start screen shows a large "people" tile and a "recent" tile. In the center, a live tile for the "Panorama" app is shown, featuring a grid of small user profile pictures. On the right, a detailed view of the Panorama app's interface is displayed on a virtual screen, showing a news feed with items from Victor Stehmann, Sari Bassli, and Alicia Thomsen.

people

recent

all

+ v what's new

Victor Stehmann 2

Wi... Live
Up...d his status 23 minutes ago
"Talked to the grandkids to the zoo."

Sari Bassli

Fac...book
Wr...on Luis Alverca's wall
"Thank you for showing me around yesterday. I really like the new own area and that wine bar."

Alicia Thomsen 5

Fac...book
Wr...on Alicia Thomsen's wall
"What a day! I cannot believe how many people were at the beach! So much fun. What a great vacation. Thank you!"

← ⌂ →



Demo



PANORAMA E PIVOT



**Embarcadero
Delphi Conference**

Distribuição mundial

Facilidade de descoberta

Propaganda / Feedback

Recebimento de valores

Aplicações pagas, free, publicidade

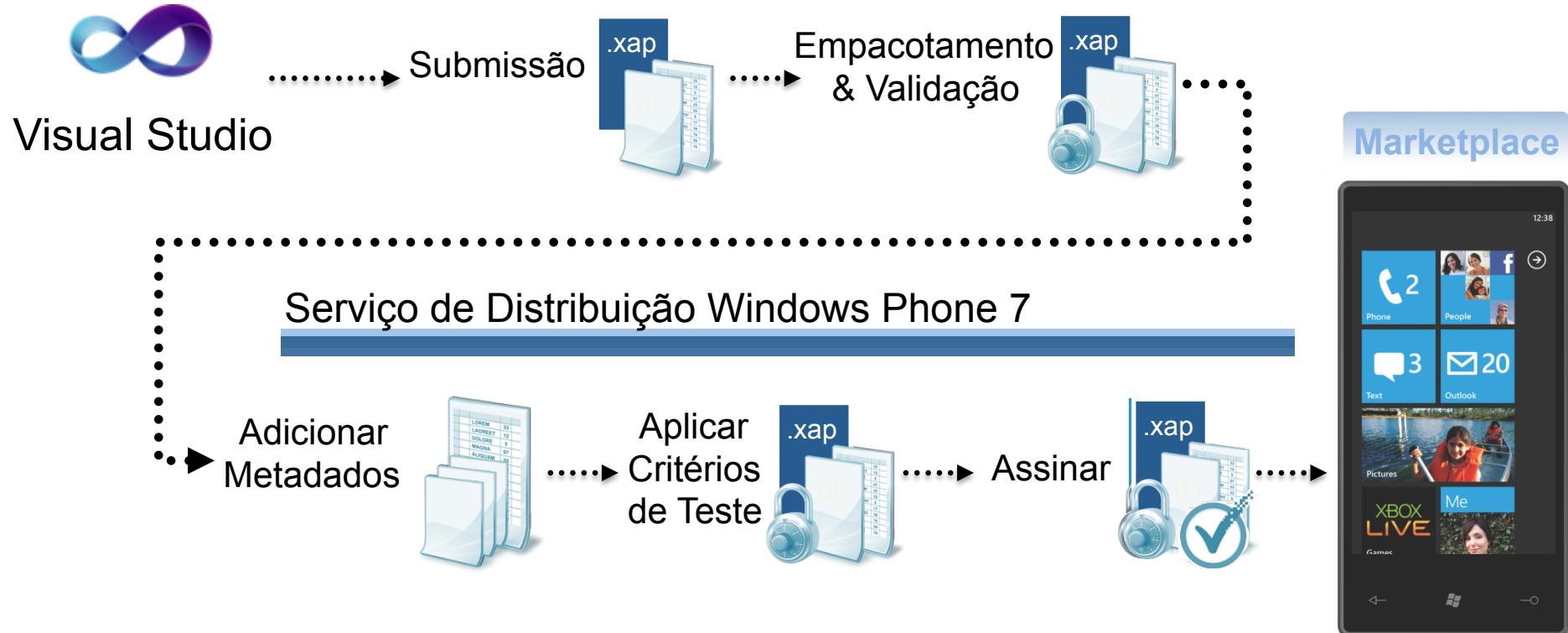
Trial API

Atualizações automáticas

Beta-teste privado

Processo de desenvolvimento

Submissão de aplicação



\$99/ano (gratuito para estudantes – DreamSpark)

Sem limite aplicações pagas

100 aplicações free

70% você - 30% Microsoft

Windows Phone 7 Developer Portal

<http://bit.ly/tIPZK3>

Windows Phone 7 Training Kit

<http://bit.ly/uKo8Fg>

Livro Windows Phone 7 Development – Charles Petzold

<http://charlespetzold.com/phone/index.html>

Videos Windows Phone 7 JumpStart

<http://bit.ly/wp7jumpstart>

Perguntas?

- Portal de Treinamentos e Vagas – <http://www.edobrasil.net/treinamentos>
- Embarcadero Developer Network - <http://edn.embarcadero.com>
- Diretório de MVP's - <http://www.embarcadero.com.br/mvp-directory>
- Documentação dos Produtos - <http://docs.embarcadero.com>
- CodeRage 7 - <http://www.embarcadero.com/coderage>
- YouTube - <http://youtube.com/user/embarcaderodobrasil>
- Twitter - <https://twitter.com/EmbarcaderoBR>
<http://twitter.com/EmbarcaderoTech>
- Blogs: <http://blogs.embarcadero.com>
- Facebook:
<https://www.facebook.com/pages/Embarcadero-Delphi-Brasil/399151510134179>
- atendimento@embarcadero.com.br
- (11) 5643-1333

Obrigado!



Bruno Sonnino

sonnino@revolution.com.br

@bsonnino