

Expression Blend For Developers



*Building Mobile, Web and Desktop Applications
that Leverage the Power of WPF and Silverlight.*

ABOUT ME



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WHAT IS EXPRESSION BLEND?



Microsoft Expression Blend 4 is a professional design tool for creating compelling user experiences and applications for Windows using the .NET Framework and WPF, or for the web and mobile devices with Silverlight.



WPF for
Desktop
Applications

Windows®

Silverlight for
Windows Phone 7



Silverlight for
Browsers
Applications



WHY EXPRESSION BLEND?

FAST = GOOD!

PRODUCTIVITY MATTERS

USER EXPERIENCE MATTERS

CORE FEATURES

- *Full-Featured Property Editor*
- *WPF and Silverlight 4 Support*
- *Interoperability with Visual Studio*
- *Code Editing with Intellisense*
- *Rich Layout and Styling Support*
- *Asset and Style Management*
- *Animation and Tweening*
- *Behavior and Visual State Editing*
- *Visual Databinding Editor*
- *Windows Phone 7 Development*
- *Dynamic Prototyping with SkechFlow*
- *Fast, Flexible, Seamless User Interface*

EXPRESSION BLEND UI DEMO



ACTIONS

- *An object that can be invoked to perform an operation.*
- *Intended to be atomic – they shouldn't rely on external state.*
- *Generally invoked by Triggers.*
- *Examples include:*
 - *Call a method*
 - *Change a property*
 - *Navigate to a page*
 - *Set focus to a control*

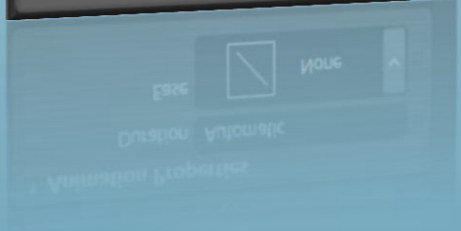
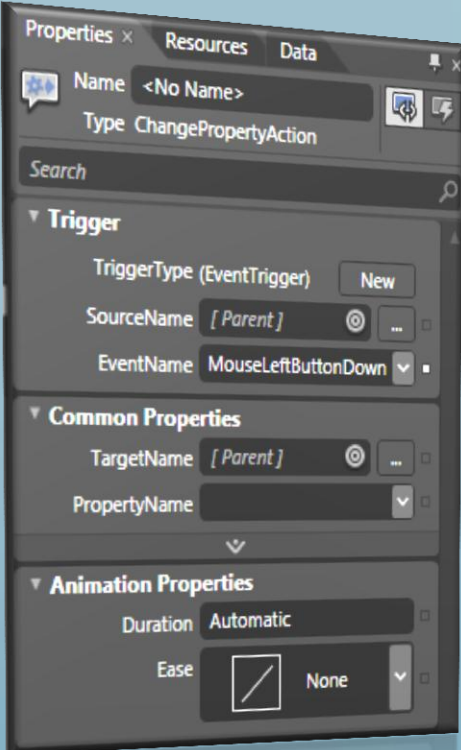
TRIGGERS

- *EventTrigger – responds to a raised event – the most common trigger*
- *PropertyChangedTrigger*
- *StoryboardCompletedTrigger*

BEHAVIORS

- *Often used as a catch-all word for Behaviors, Actions, and Triggers*
- *Designed for stateful interactivity*
- *Examples include:*
 - *FluidMoveBehavior*
 - *MouseDownElementBehavior*
 - *TranslateZoomRotateBehavior*

TRIGGERS, BEHAVIORS, AND ACTIONS DEMO



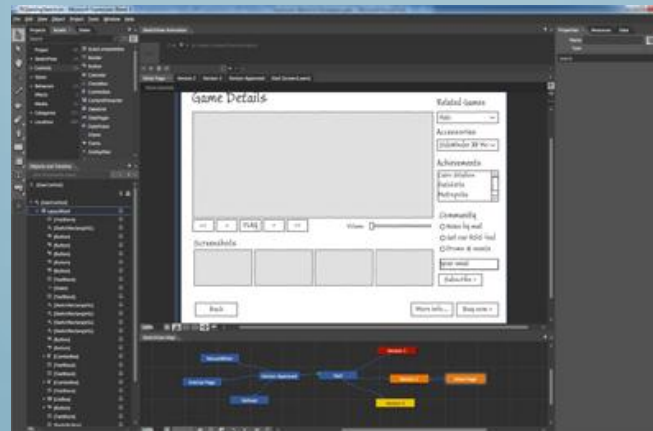
SKETCHFLOW

Paper Sketches

- Quick
- Informal
- Focused

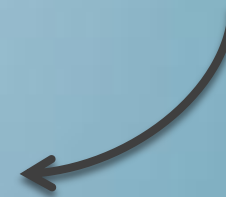


SKETCH + FLOW



Interactive Prototype

- Dynamic
- Interactive
- Visual



- Prototypes should convey function, not impress visually.
- Should focus on interaction and business needs, not fonts and colors.

