

To Infinity and Beyond!



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Module Overview

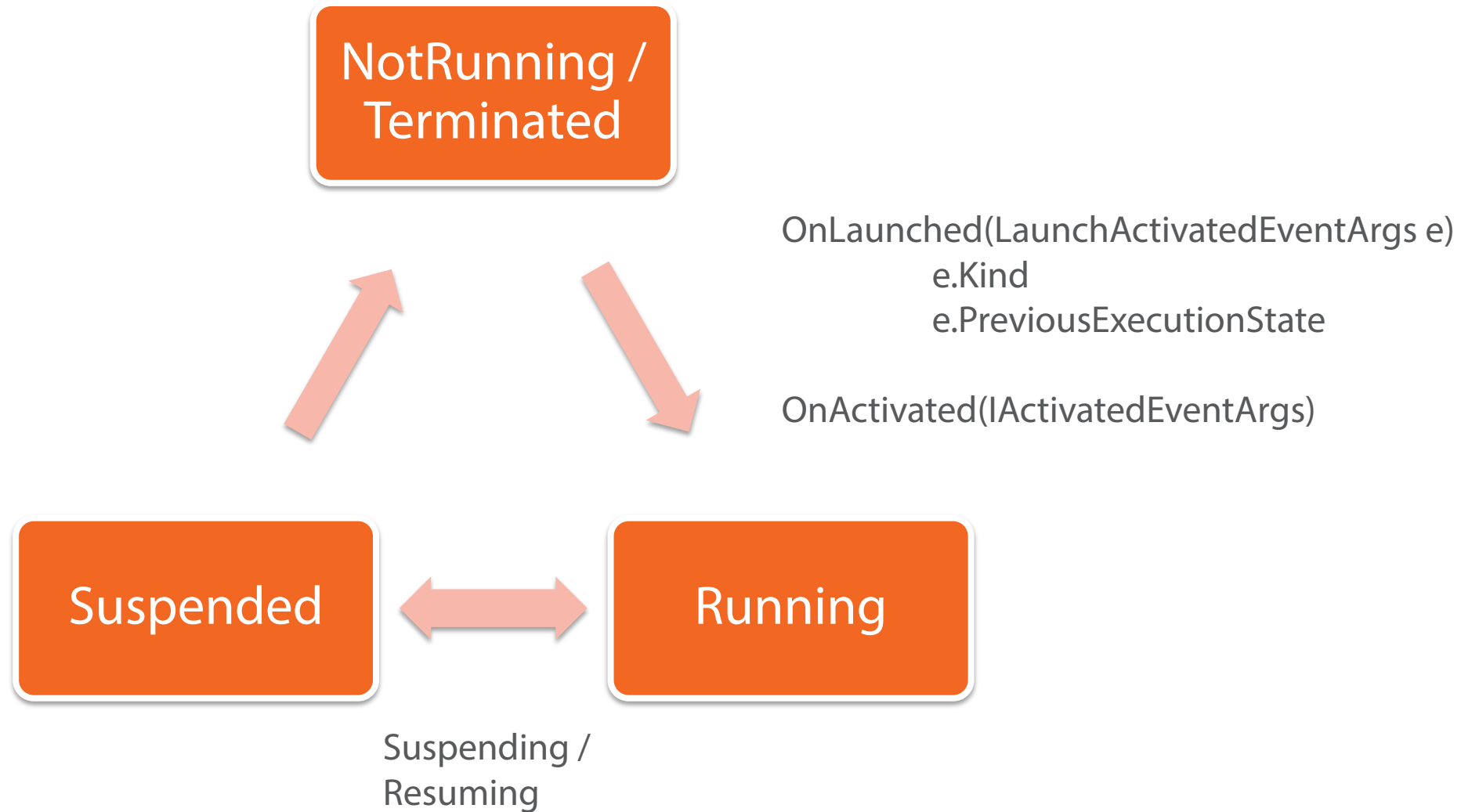


Application Lifecycle

MVVM architecture

Submitting to the Store

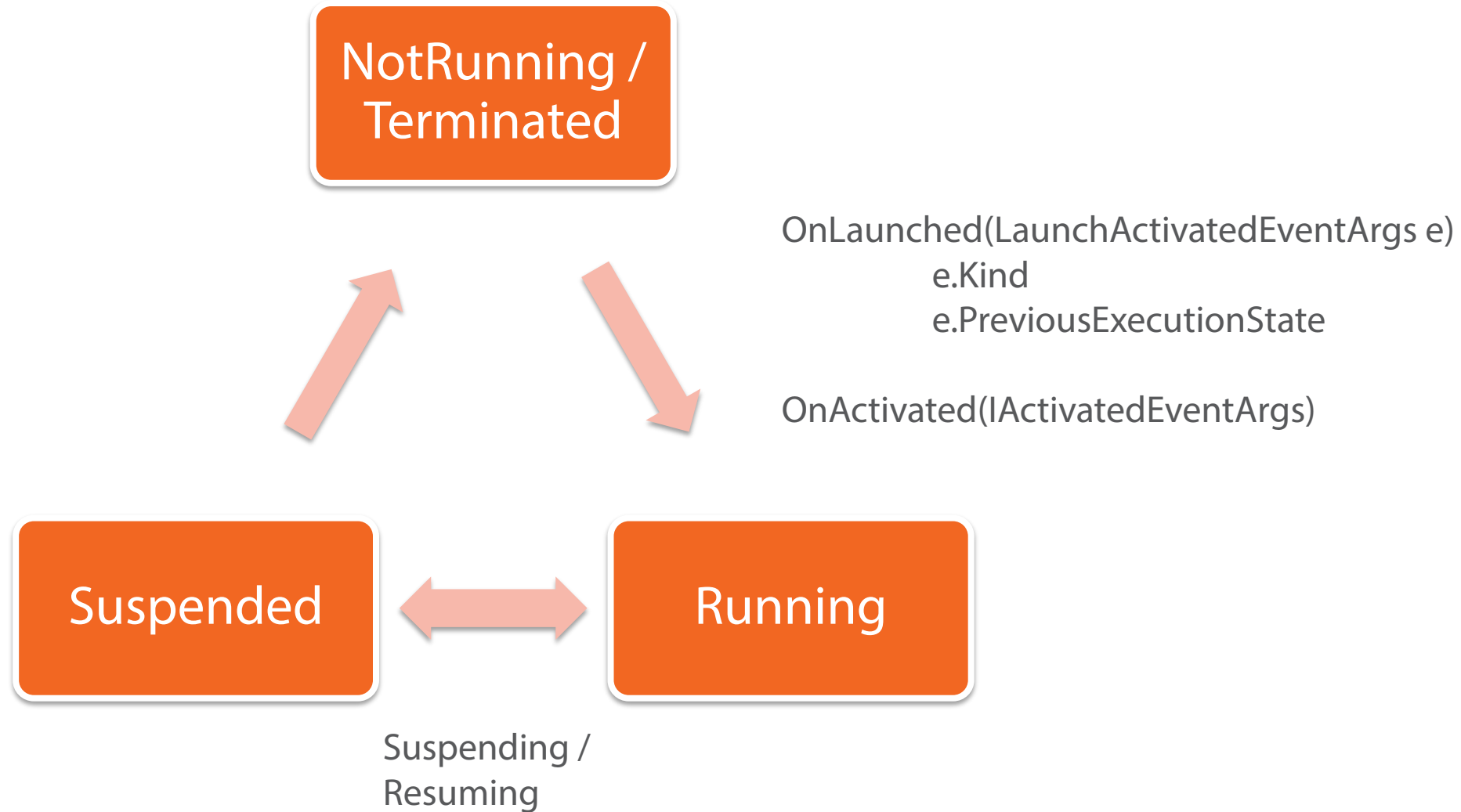
Application Lifecycle



Suspending Event

```
/// <summary>
/// Invoked when application execution is being suspended. Application state is saved
/// without knowing whether the application will be terminated or resumed with the contents
/// of memory still intact.
/// </summary>
/// <param name="sender">The source of the suspend request.</param>
/// <param name="e">Details about the suspend request.</param>
private void OnSuspending(object sender, SuspendingEventArgs e)
{
    var deferral = e.SuspendingOperation.GetDeferral();
    //TODO: Save application state and stop any background activity
    deferral.Complete();
}
```

Application Lifecycle



Designer – Developer Separation

Designers can experiment independently

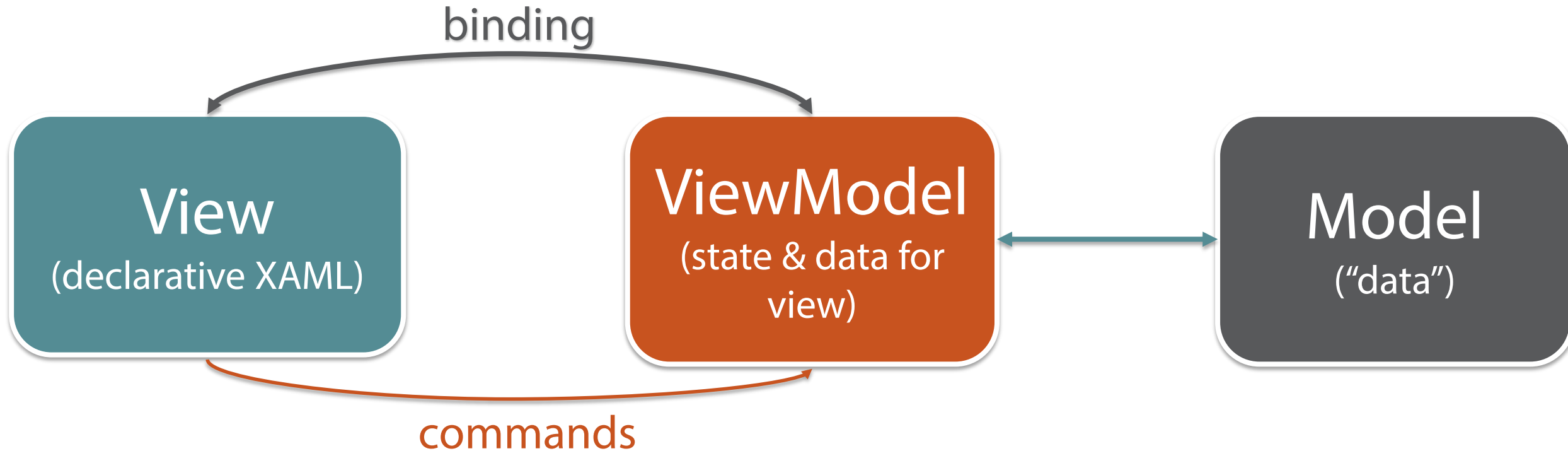
Developers can create easily maintainable and testable code

MVVM: Model-View-ViewModel



Surprise!

Model-View-ViewModel



MVVM Light Toolkit

MVVM Light Toolkit Fundamentals

by Laurent Bugnion

This is a reference course about MVVM Light, the popular toolkit to build client applications in XAML.

[▶ Start Course](#)

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Transcript

Exercise files

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Learning Check

Recommended

▶ Introduction to the MVVM

▶ Refactoring the App to MVVM

▶ The Core Components

▶ The Extras

▶ Installing the MVVM Light Toolkit and Additional Components

▶ Advanced Examples With MVVM Light

Expand all

25m 38s

39m 4s

46m 41s


57m 27s

44m 31s

54m 22s

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Course author

 **Laurent Bugnion**

Laurent works as Senior Director for IdentityMine, one of the leading companies (and Gold Partner) for Microsoft technologies such as Windows Presentation Foundation, Silverlight, Pixelsense, Windo...

Course info

Level

Intermediate

Rating

★★★★★ (519)

My rating

★★★★★

Duration

4h 27m

Released

9 May 2014

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Summary



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Course Summary



XAML

Layout

Databinding

Templates and Styles

Animations

Behaviors

Visual States

Async - await

Continuum

Live Tiles, Notifications, Background Tasks, Cortana

MVVM

Thank You!



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