Getting Started with Prism

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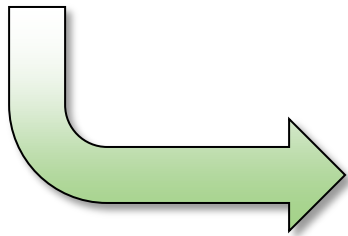
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Outline

- **What is Prism?**
- **Benefits**
- **Get Prism**
- **How it works**

What is Prism?

- **Composite application framework**

- **Targets WPF, Silverlight, and Windows Phone 7**

- **Design Patterns**

What is Prism?

Benefits

- **Reuse**

- **Extensibility**

- **Flexibility**

- **Team development**

- **Quality**

Get PRISM

Microsoft® patterns & practices
proven practices for predictable results

http://compositewpf.codeplex.com/

Get PRISM

- **Microsoft Windows 7, Windows Vista, or Windows Server 2008**
- **Microsoft .NET Framework 4.0 (installed with Visual Studio 2010)**
- **Microsoft Visual Studio 2010 Express, Professional, Premium, or Ultimate editions**
- **Microsoft Silverlight 4 Tools for Visual Studio 2010**
- **Optional, but recommended**
  - Microsoft Expression Blend 4
  - Windows Phone Developer Tools SDK

The Building Blocks

- **Shell**
- **Regions**
- **Modules**
- **Views**
- **Bootstrapper**

Typical Application Design

Solution

Main Project

View1	View2	View3	View4
View5	View6	View7	View8

Application Design using Prism?

Solution

Main Project

Shell

Toolbar Regi

Content Region

Module1 Project
View1
View2

Module2 Project
View3
View4

Module3 Project
View5
View6

Module4 Project
View7
View8

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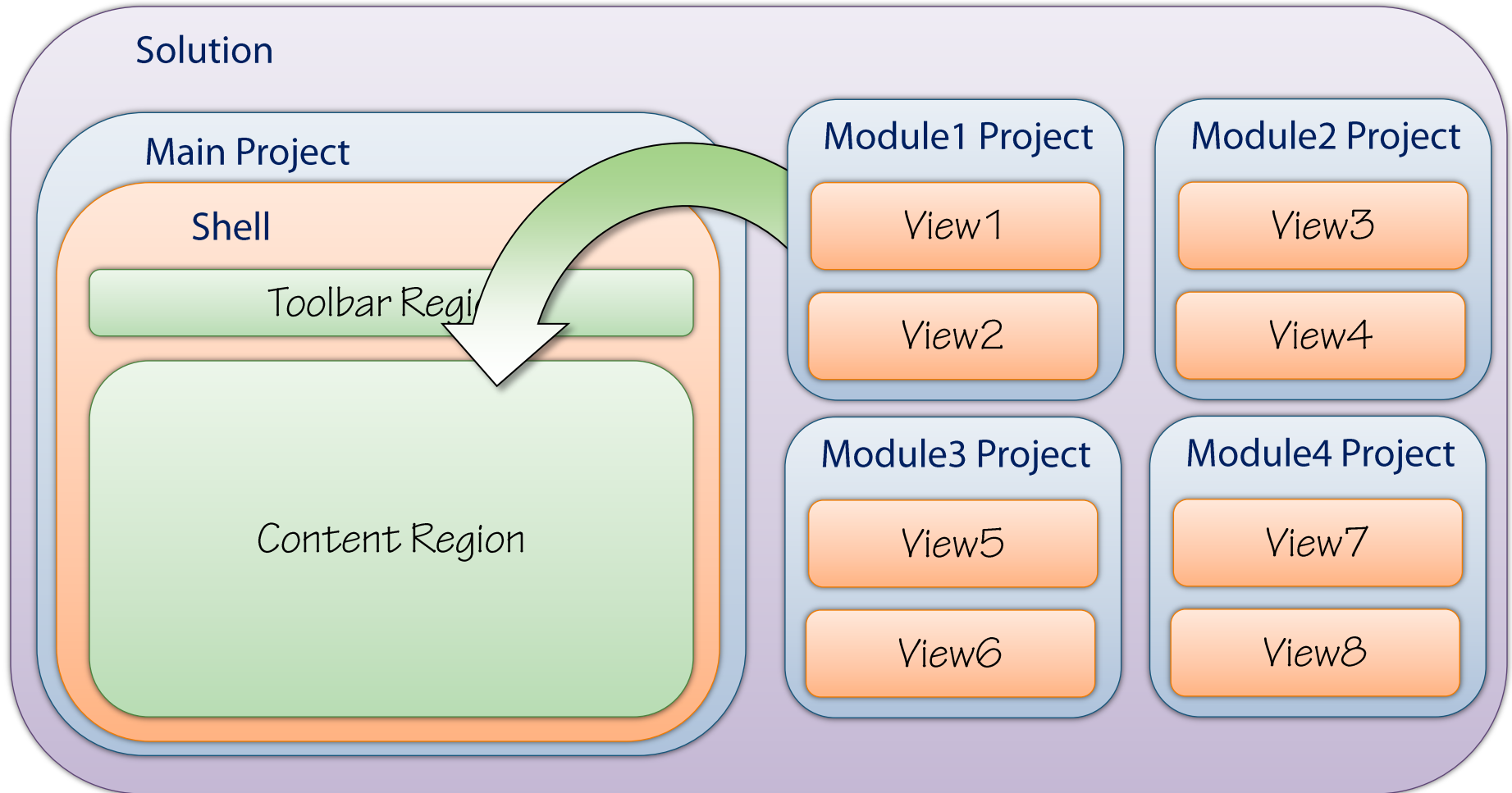
Summary

- **What is Prism?**
- **Benefits**
- **Get Prism**
- **How it works**