

Templating in Style



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Module Overview



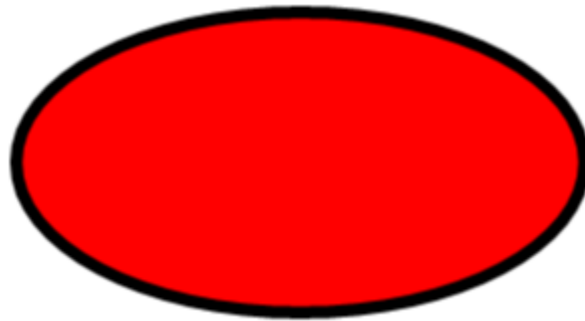
Consistent Style

Control Templates

Resources

Applying Style to the Nameday App

My Ellipse



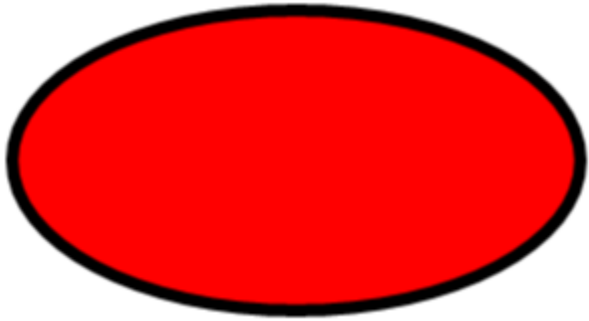
```
<Ellipse Fill="Red" Stroke="Black" StrokeThickness="5"/>
```

```
<Ellipse Fill="Red" Stroke="Black" StrokeThickness="5"/>
```

```
<Ellipse Fill="Red" Stroke="Black" StrokeThickness="5"/>
```

```
<Ellipse Fill="Red" Stroke="Black" StrokeThickness="5"/>
```

My Ellipse



```
<Ellipse Fill="Red" Stroke="Black" StrokeThickness="5"/>
```

...

```
<Style TargetType="Ellipse" x:Key="RedEllipseStyle" >
```

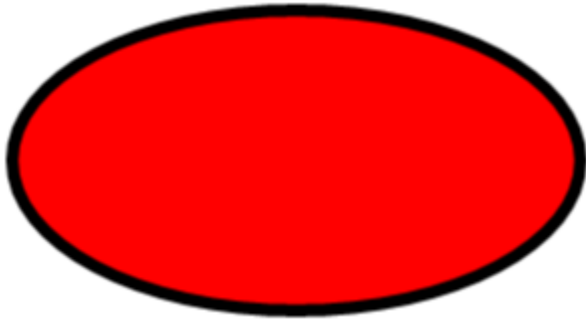
```
    <Setter Property="Fill" Value="Red"/>
```

```
    <Setter Property="StrokeThickness" Value="10"/>
```

```
    <Setter Property="Stroke" Value="Black"/>
```

```
</Style>
```

My Ellipse



```
<Ellipse Style="{StaticResource RedEllipseStyle}" />
```

...

```
<Style TargetType="Ellipse" x:Key="RedEllipseStyle" >
```

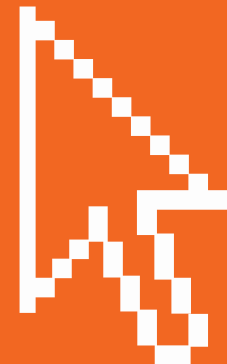
```
    <Setter Property="Fill" Value="Red"/>
```

```
    <Setter Property="StrokeThickness" Value="10"/>
```

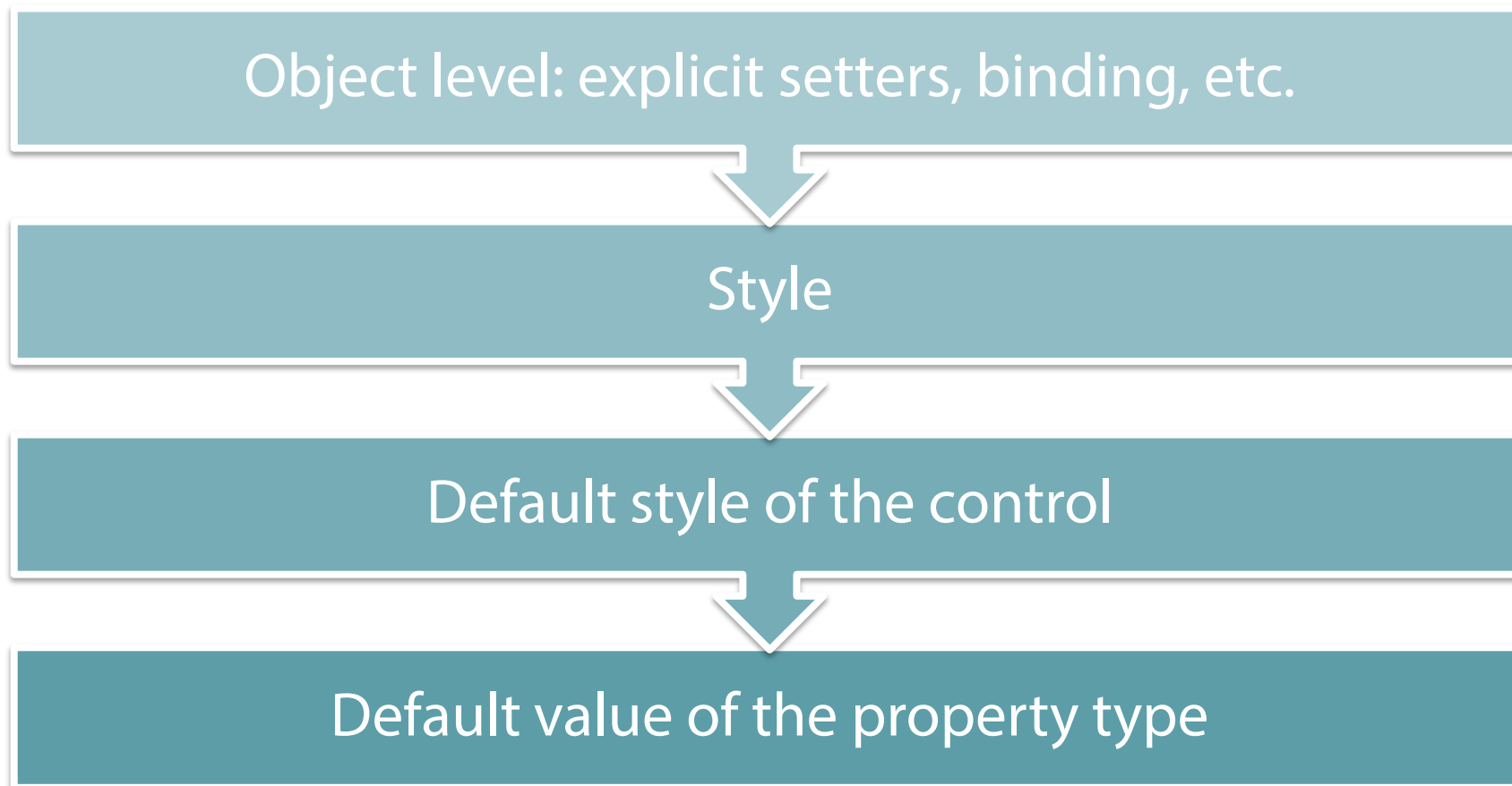
```
    <Setter Property="Stroke" Value="Black"/>
```

```
</Style>
```

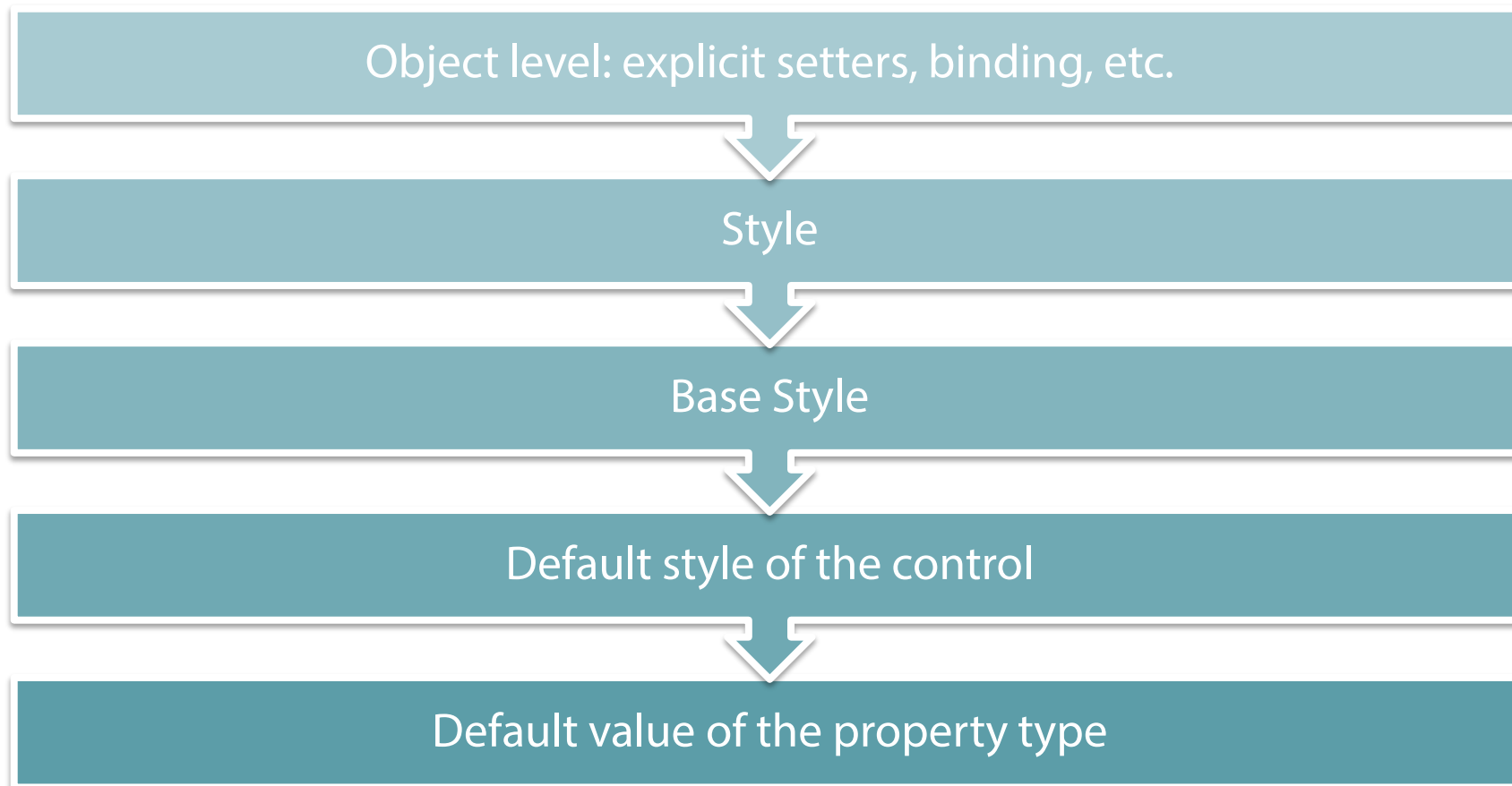
Styles in Practice



Style Inheritance Hierarchy



Style Inheritance Hierarchy



Resource Dictionaries

- In Resources:
 - Styles
 - ItemTemplates
 - And pretty much anything else!
- Resource Dictionaries

(Some of) the Pillars of XAML

Databinding

- Connection between UI and logic

Layout

- Arranging elements on the screen

Styles

- Defining a reusable set of properties for elements

Templates

- Completely changing the look and feel of a control

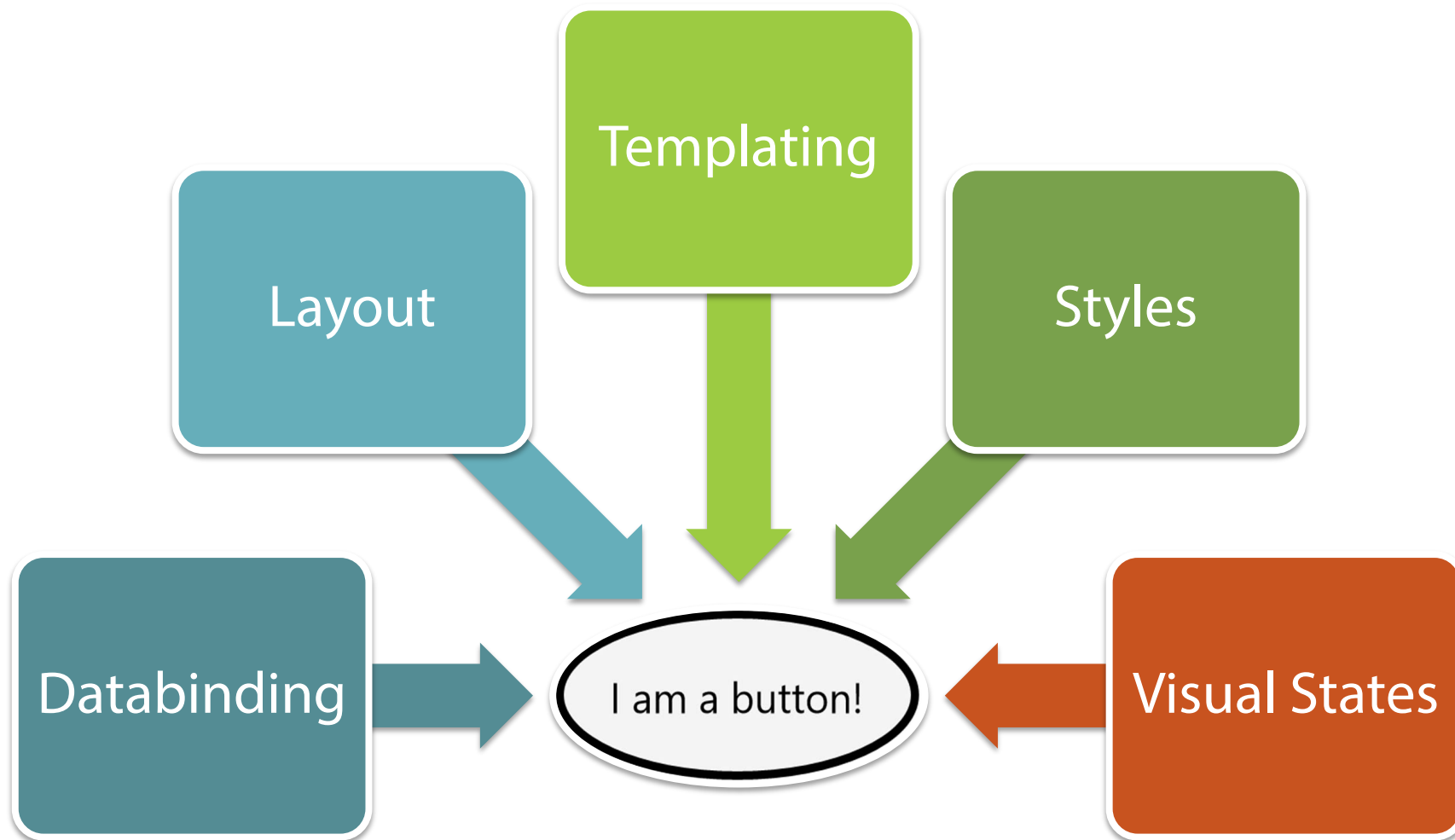
Templates

I am a button!

Me too!

Me Three!

Larger Than the Sum of Its Parts



Summary



Styles, Templates and Resource
Dictionaries

Developer – Designer cooperation