

内置控件（三）

张典

An ordinary Avalonia Developer | IRIHI staff

弹出控件

Flyout

Flyout

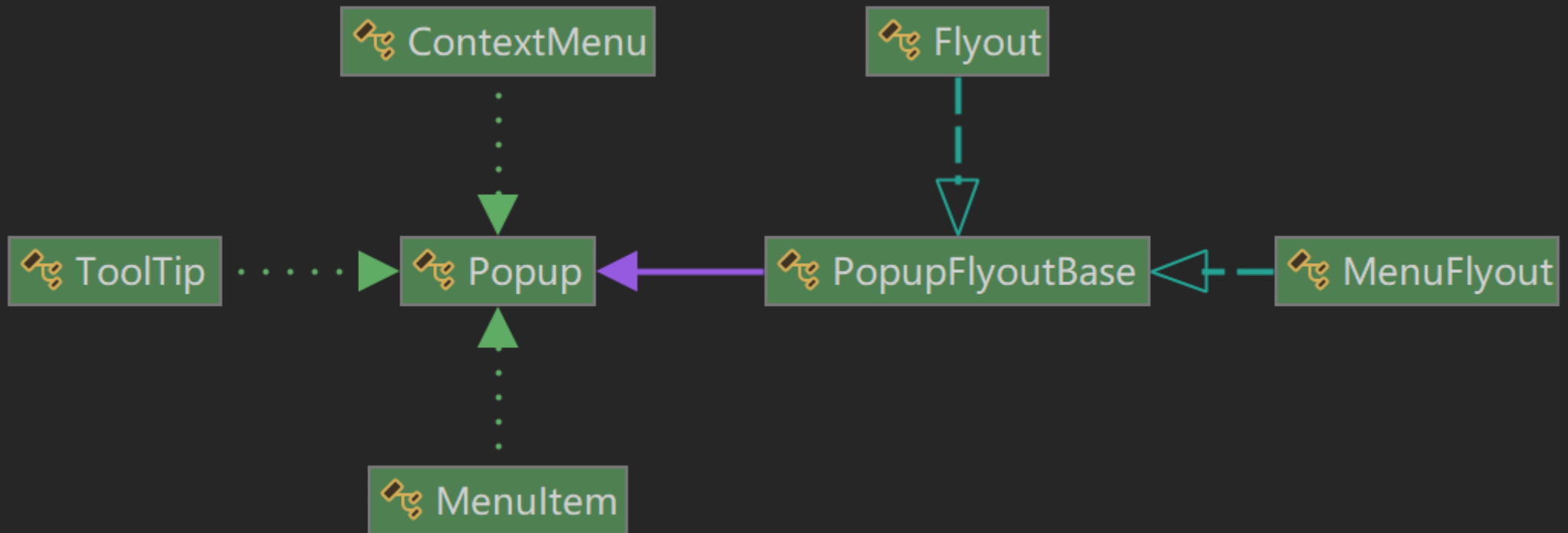
- **Placement**：用于指定弹出的位置，可以是控件的上方、下方、左侧、右侧等。
- **ShowMode**：用于指定弹出时焦点的处理方式，可以是焦点在弹出内容上、焦点在原控件上等

ToolTip

Menu

ContextMenu/ContextFlyout

Popup/PopupRoot



Popup/PopupRoot

```
public class ToolTip : ContentControl, IPopupHostProvider

    private Popup? _popup;
    private Action<IPopupHost?>? _popupHostChangedHandler;
    private CompositeDisposable? _subscriptions;
```

```
public class ContextMenu : MenuBase, ISetterValue, IPopupHostProvider

    private Popup? _popup;
    private List<Control>? _attachedControls;
    private IInputElement? _previousFocus;
    private Action<IPopupHost?>? _popupHostChangedHandler;
```

```
public abstract class PopupFlyoutBase : FlyoutBase, IPopupHostProvider
```

📄 33 用法 👤 Max Katz

```
protected Popup Popup ⇒ _popupLazy.Value;
```

```
public class MenuItem : HeaderedSelectingItemsControl
{
    private bool _commandCanExecute = true;
    private bool _commandBindingError;
    private Popup? _popup;
    private KeyGesture? _hotkey;
    private bool _isEmbeddedInMenu;
```

特殊控件

Notification

ProgressBar

Expander

ScrollView

Image

PathIcon

ThemeVariantScope

内置控件

- 文本控件 (TextBlock、SelectableTextBlock)
- 布局控件 (Panel、Grid、StackPanel、DockPanel)
- 按钮 (Button、ToggleButton、RepeatButton)
- 输入控件 (TextBox、ToggleSwitch、NumericUpDown)
- 列表控件 (ItemsControl、ListBox、Carousel)
- 弹出控件 (Popup、Flyout、ToolTip)
- 特殊控件 (Border、PathIcon、Notification)