Showing Dialogs

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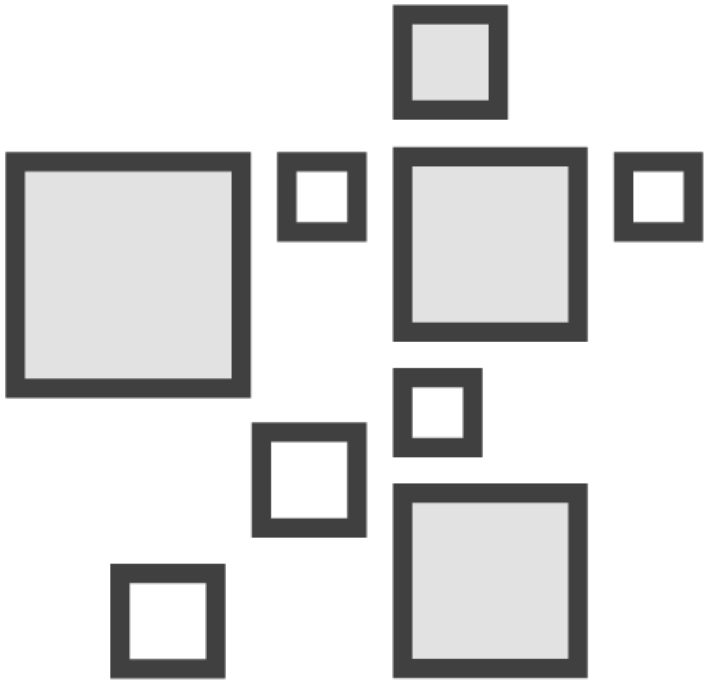
Agenda

- What Is a Dialog?
- Creating Dialogs
- Showing Dialogs
- Improve the Dialog API
- Styling Dialog Windows

What is a Dialog?



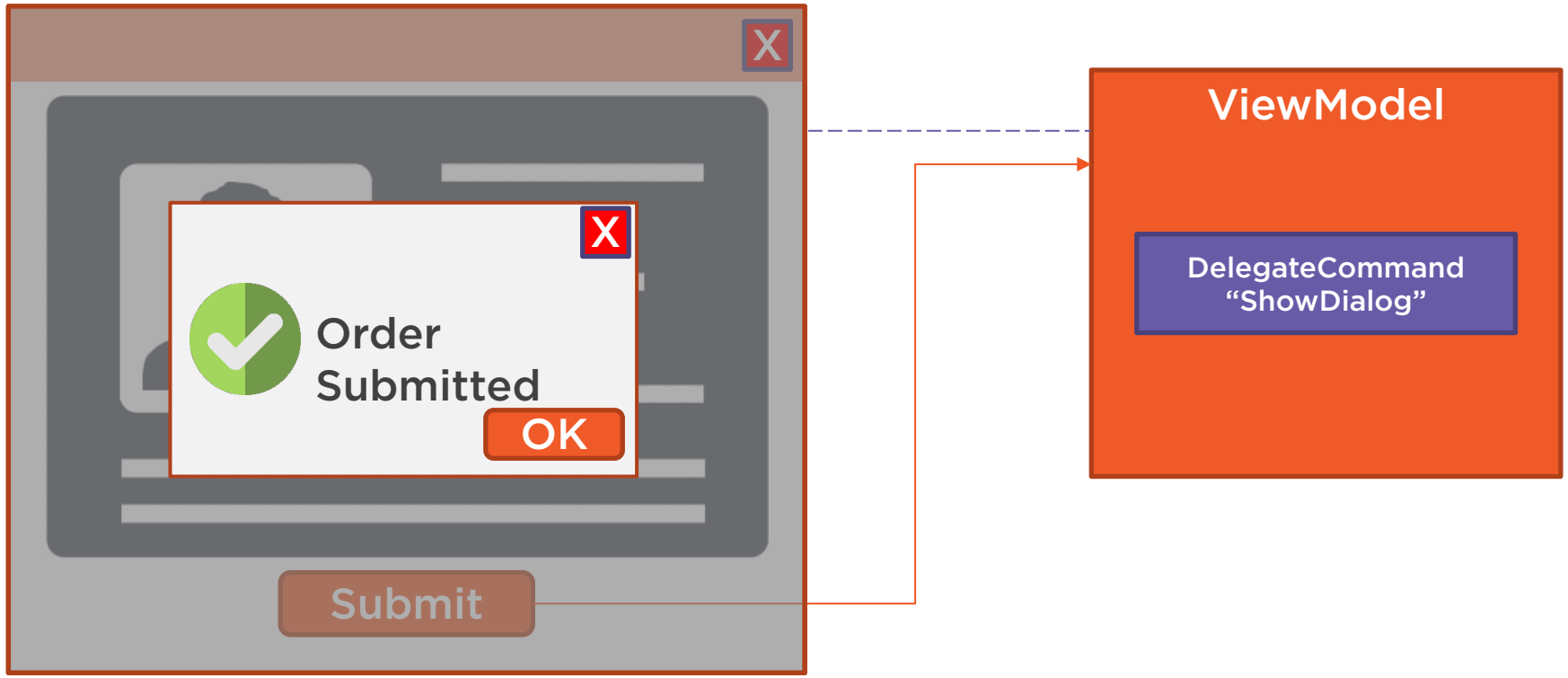
Showing a visual from or window over the current application

- Notify user
- Ask for confirmation
- Capture information

Modal/Non-Modal

Available in a ViewModel

Available in a ViewModel



Creating Dialogs

Dialog is a UserControl

- ViewModel is recommend

Must implement IDialogAware

IDialogAware

```
public interface IDialogAware
{
    string Title { get; }
    event Action<IDialogResult> RequestClose;
    bool CanCloseDialog();
    void OnDialogClosed();
    void OnDialogOpened(IDialogParameters parameters);
}
```

Creating Dialogs

Dialog is a UserControl

- ViewModel is recommend

Must implement IDialogAware

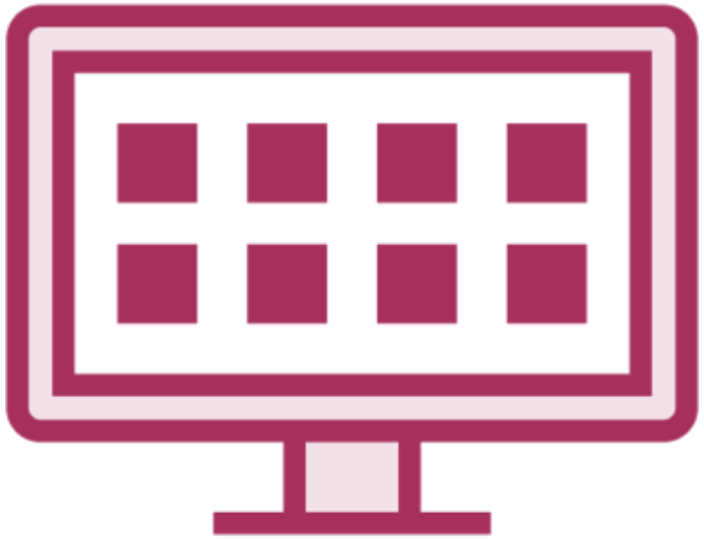
Register Dialog with container

- RegisterDialog<View, VM>()

Demo

Creating a Dialog

Showing Dialogs



Use the IDialogService

- Call Show (Non-Modal)
- Call ShowDialog (Modal)

Provide name of registered dialog

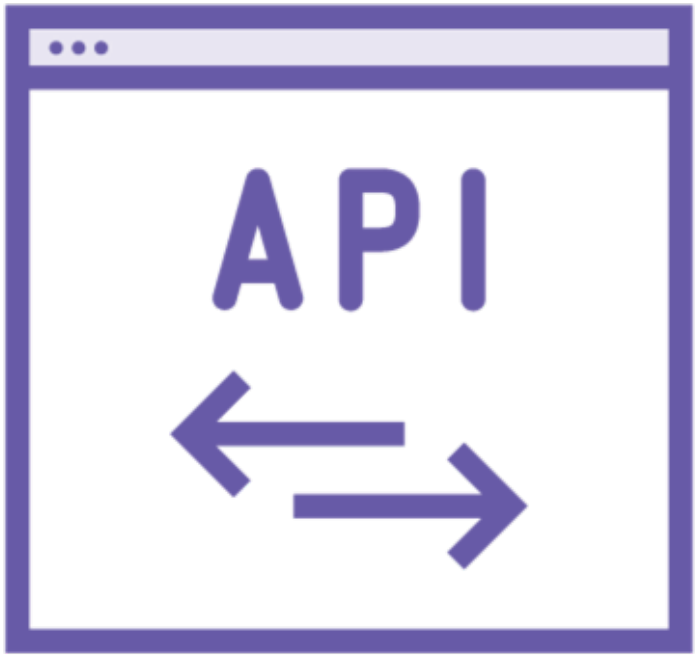
Pass parameters

Callback with result and parameters

Demo

Creating a Dialog

Improve the API



Extension methods to simplify common dialogs

Place in a Core project to be shared

Simplify Your API

```
public static void ShowNotification(this IDialogService dialogService,
        string message, Action<IDialogResult> callback)
{
    var p = new DialogParameters();
    p.Add("message", message);

    dialogService.ShowDialog(“NotificationDialog", p, callback);
}
```

Demo

Simplifying your APIs

Styling the Dialog Window

Each dialog is hosted in a Window

Each Window instance can be styled per dialog

Dialog provides the Window Style

- Dialog.WindowStyle attached property

Style must target the Window type

Setting the WindowStartupLocation

- Dialog.WindowStartupLocation

Style Example

```
<prism:Dialog.WindowStyle>
    <Style TargetType="Window">
      <Setter Property="Height" Value="200" />
      <Setter Property="Width" Value="400"/>
      <Setter Property="ResizeMode" Value="NoResize" />
      <Setter Property="prism:Dialog.WindowStartupLocation" Value="CenterScreen" />
    </Style>
</prism:Dialog.WindowStyle>
```

Demo

Styling your Dialogs

Summary

- What Is a Dialog?
- Creating Dialogs
- Showing Dialogs
- Improve the Dialog API
- Styling Dialog Windows