

Switching to a Tabbed UI



Thomas Claudius Huber

MICROSOFT MVP (WINDOWS DEVELOPMENT)

@thomasclaudiush www.thomasclaudiushuber.com



Module Outline



Adjust the MainViewModel to support multiple DetailViewModels

Add a TabControl to the MainWindow

- Display a title in the tab header

Implement the logic to close a tab

**Refresh updated friends
in the MeetingDetailView**

Demo



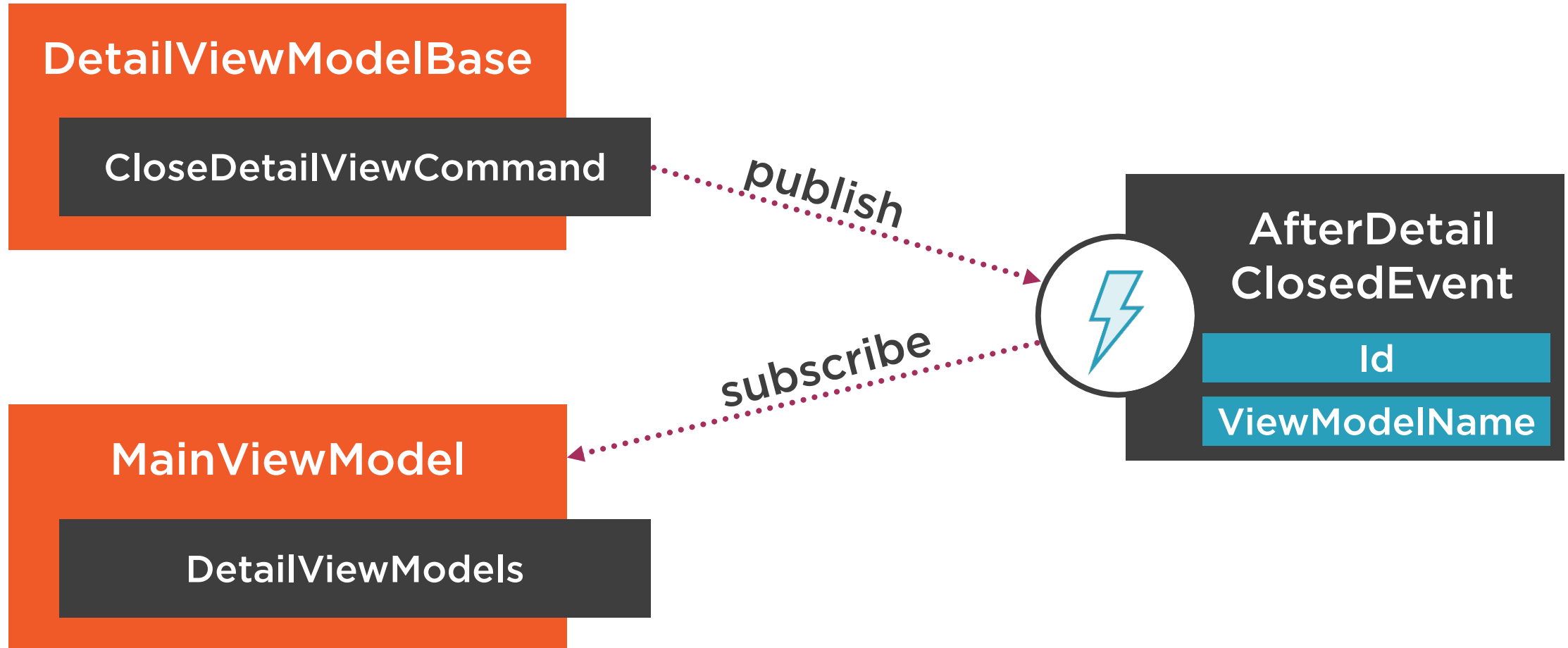
Adjust the MainViewModel to support multiple DetailViewModels

Add a TabControl to the MainWindow

Display a title in the tab header



The Plan to Close a Tab



Demo



Introduce the `CloseDetailViewCommand` in the `DetailViewModelBase` class

Publish the `AfterDetailClosedEvent`

Subscribe to the event in the `MainViewModel` to close tabs

Check for changes when closing a tab



Demo



Be aware of refresh issues

Refresh the MeetingDetailView after updating a friend

- Reload a single friend with Entity Framework

Refresh the MeetingDetailView after deleting a friend



Demo



Closing tabs with new items
can lead to an exception

Fix the problem by adjusting
the `DetailViewModels`



Summary



Switch to a tabbed UI

- Adjust the MainViewModel
- Add a TabControl to the UI

Refresh updated friends in the MeetingDetailView

- Reload a single entity with Entity Framework