

Getting More out of Your Navigation



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Agenda



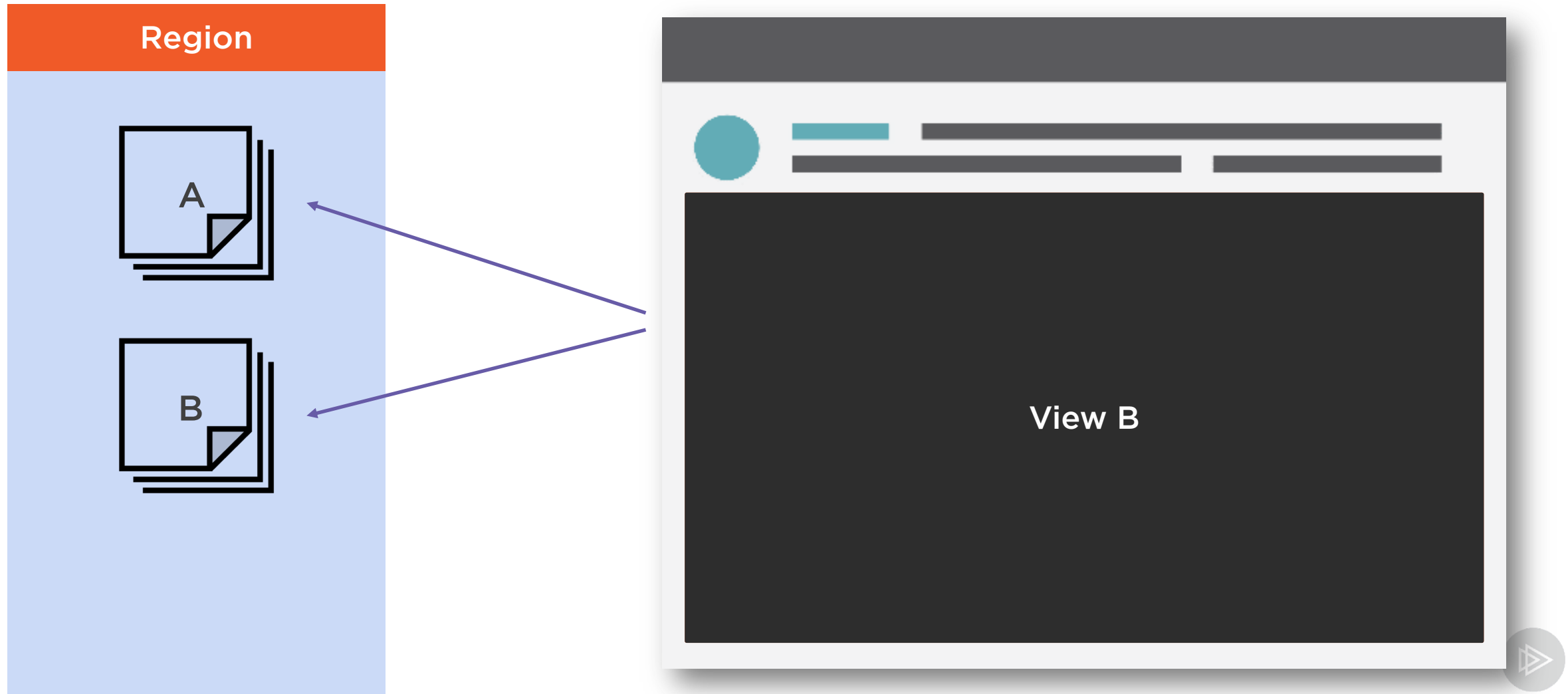
Navigate to Existing Views

Confirming or Cancelling Navigation

Using the Navigation Journal



Default Navigation Behavior



Navigating to Existing Views

Person List

Person A

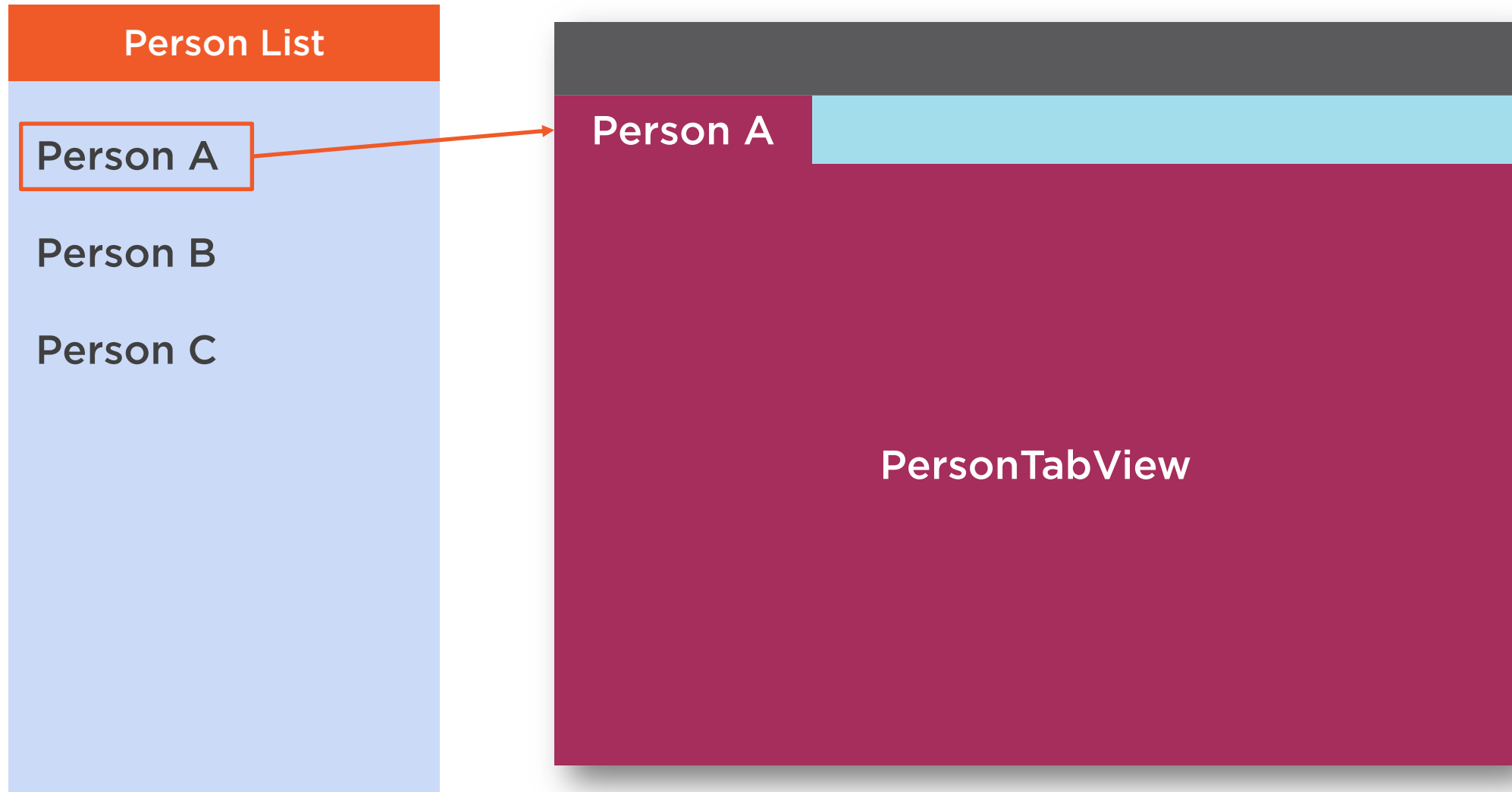
Person B

Person C

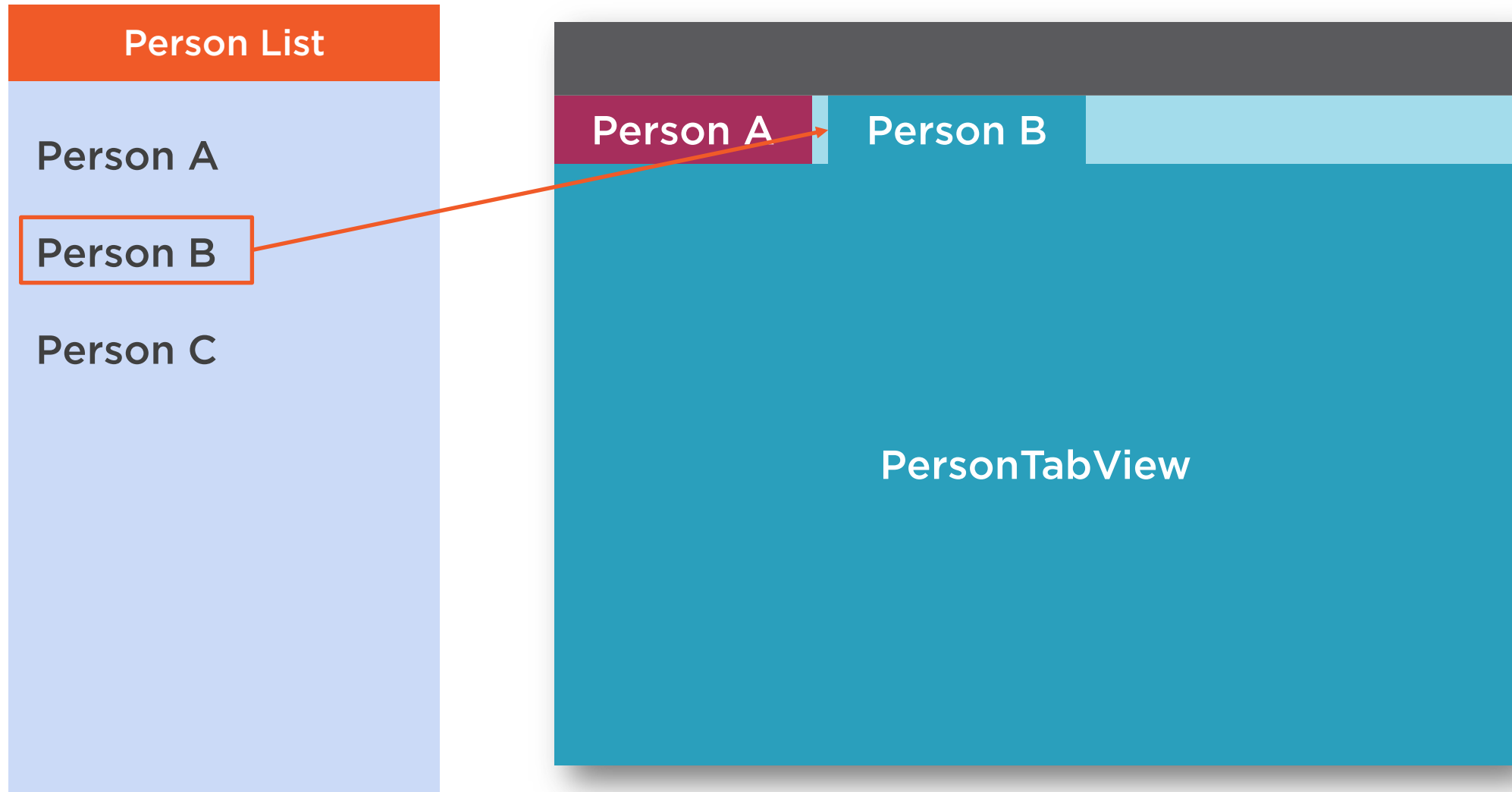
`RegionManager.RegionName="TabRegion"`



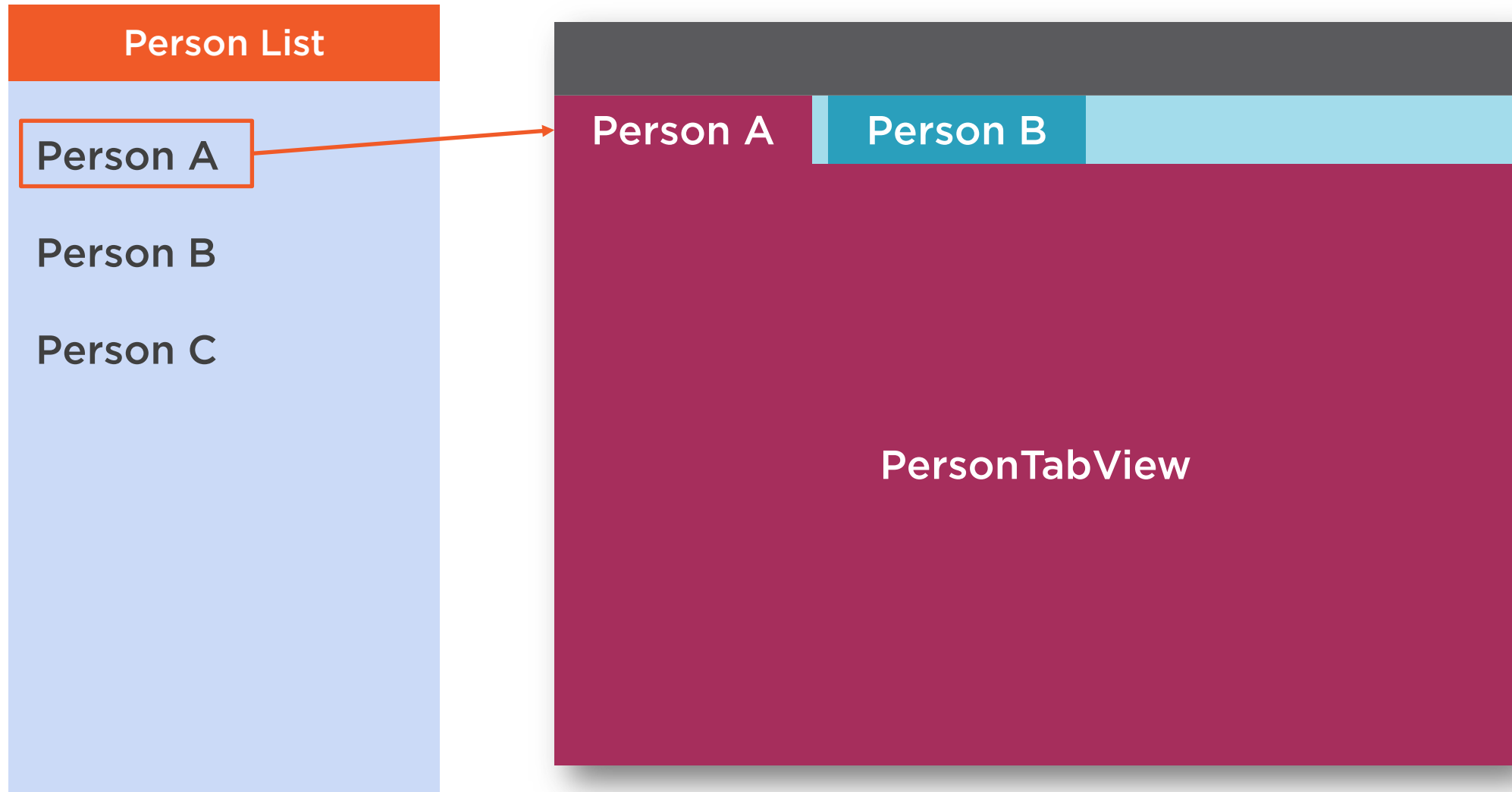
Navigating to Existing Views



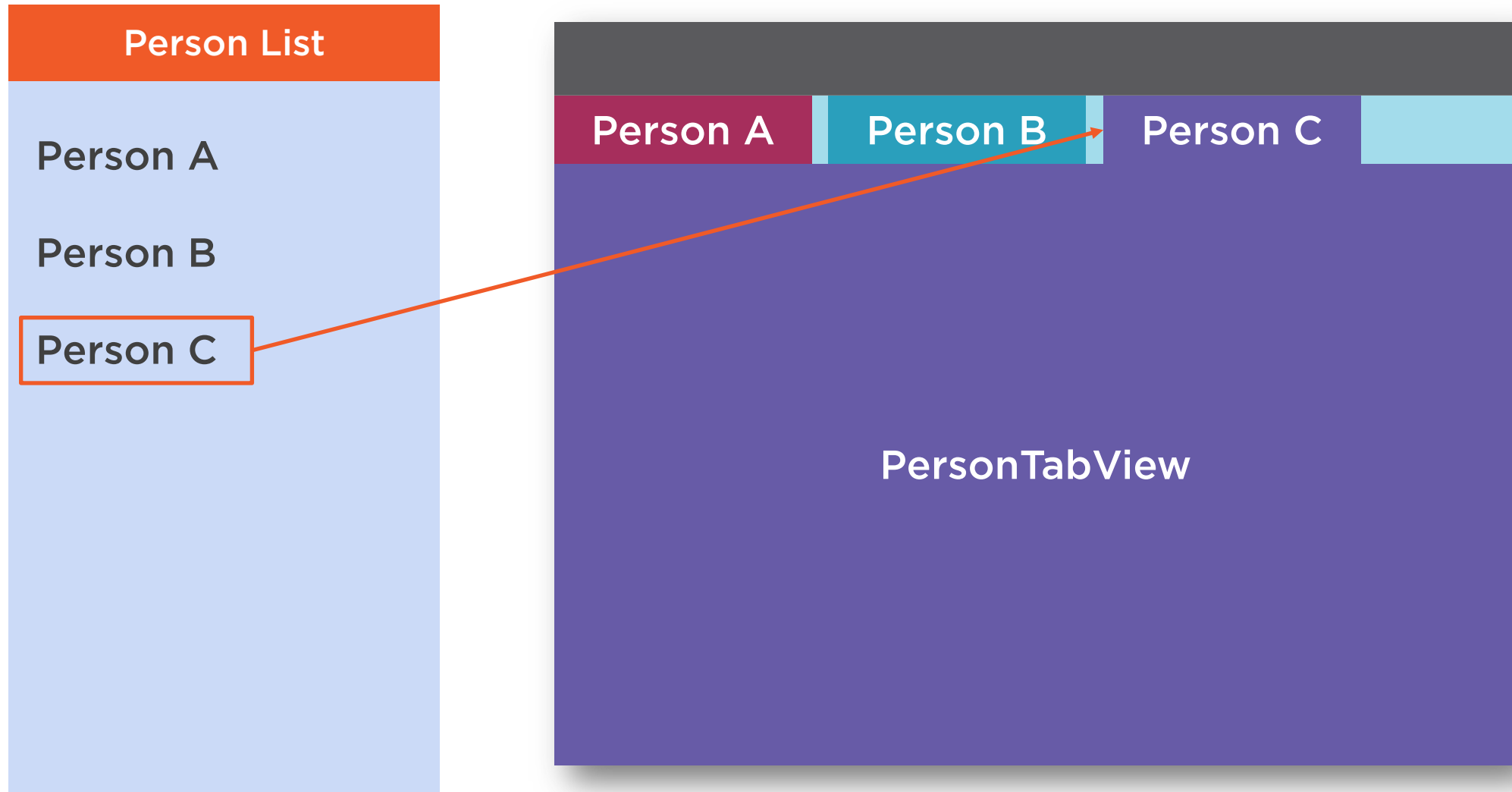
Navigating to Existing Views



Navigating to Existing Views



Navigating to Existing Views



INavigationAware

```
public interface INavigationAware
{
    bool IsNavigationTarget(NavigationContext navigationContext);

    void OnNavigatedTo(NavigationContext navigationContext);

    void OnNavigatedFrom(NavigationContext navigationContext);
}
```



INavigationAware

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{
    bool IsNavigationTarget(NavigationContext navigationContext);

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```



IsNavigationTarget

True

Use Current Instance

False

Create New Instance



Example

```
public bool IsNavigationTarget(NavigationContext navigationContext)
{
    var person = navigationContext.Parameters.GetValue<Person>("person");

    if (SelectedPerson.LastName == person.LastName)
        return true;
    else
        return false;
}
```



Demo



Navigating to Existing Views



Confirming or Canceling Navigation



Make decision to continue navigation

- Use parameters
- Prompt user for action
- Check permissions

UINavigationController

- ContinuationCallback
 - True - continue to navigate
 - False - cancel navigation

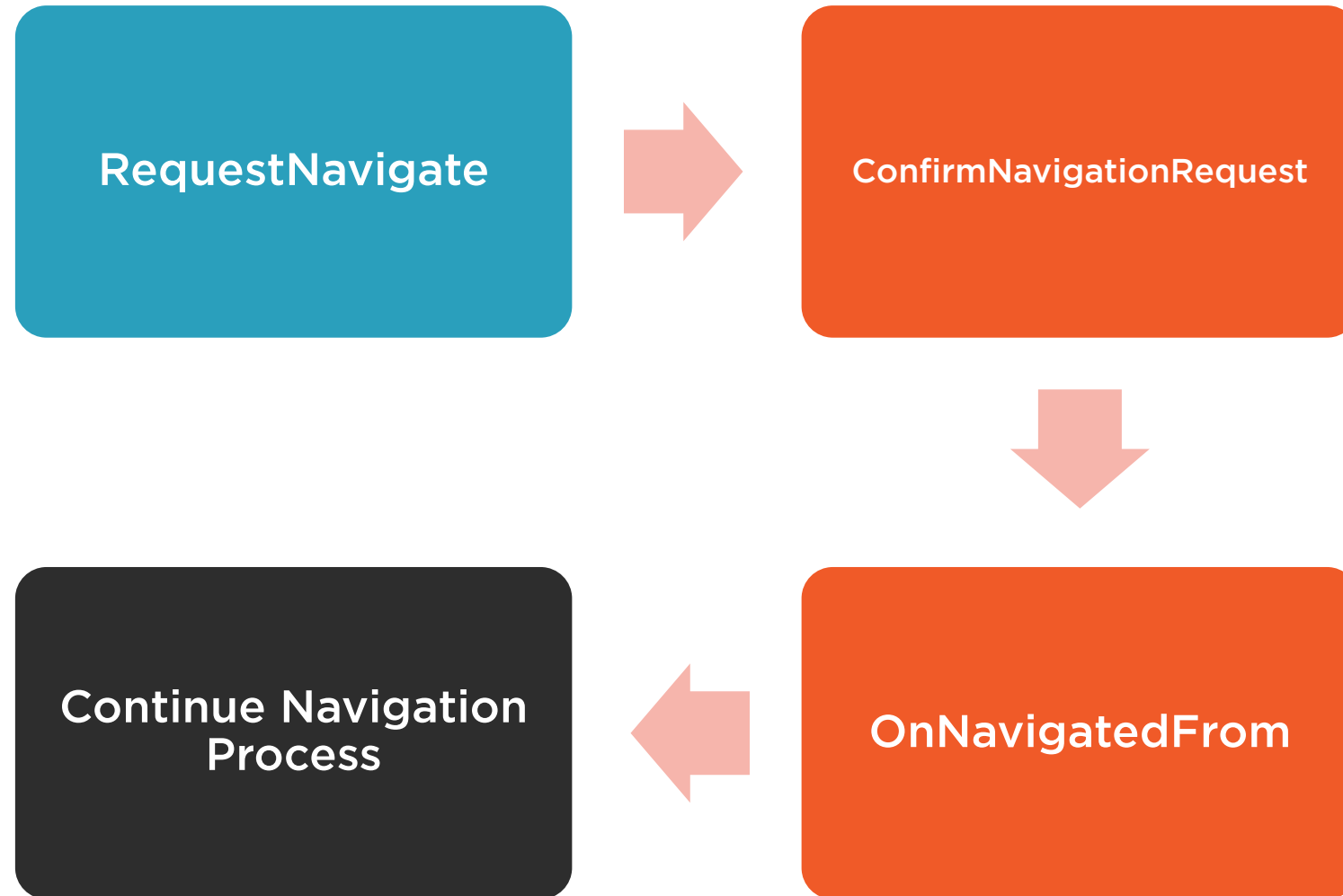


IConfirmNavigationRequest

```
public interface IConfirmNavigationRequest : INavigationAware
{
    void ConfirmNavigationRequest(NavigationContext navigationContext,
                                  Action<bool> continuationCallback);
}
```



ConfirmNavigationRequest Process



Example

```
public void ConfirmNavigationRequest(NavigationContext navigationContext,  
                                     Action<bool> continuationCallback)  
{  
    bool result = true;  
  
    if (MessageBox.Show("Do you want to navigate?", "Navigate?",  
                        MessageBoxButton.YesNo) == MessageBoxResult.No)  
  
        result = false;  
  
    continuationCallback(result);  
}
```



Demo



Confirming or Cancelling Navigation



NavigationJournal



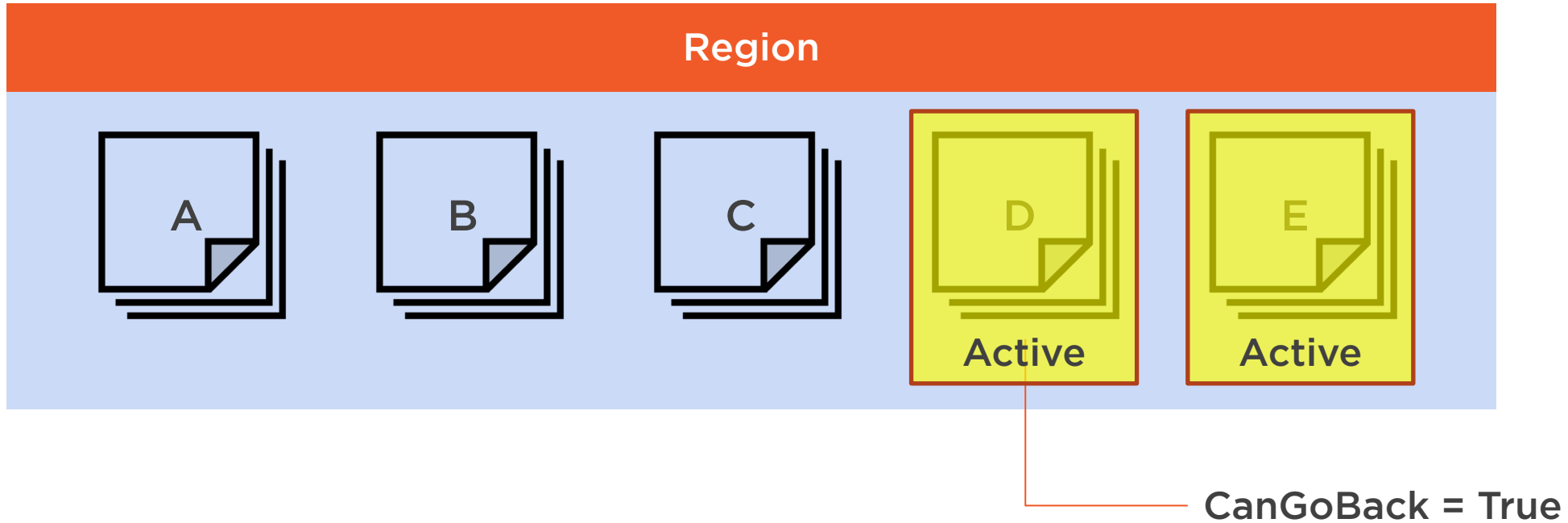
Easily navigate forward and back

- GoBack(), CanGoBack()
- GoForward(), CanGoForward()

Accessed from NavigationService.Journal property

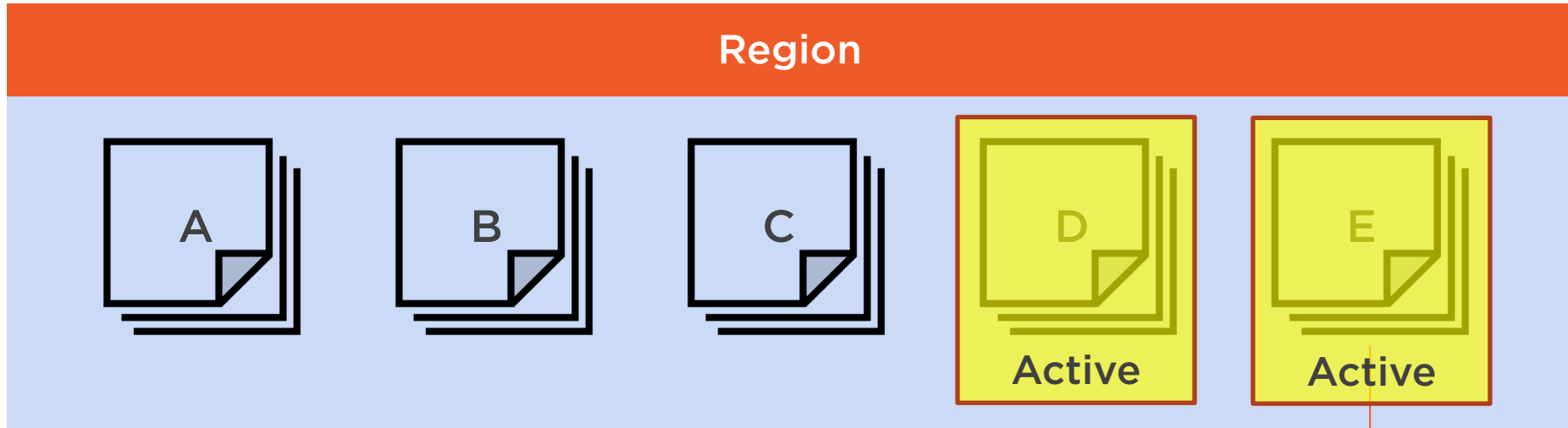
- Works only with region navigation services

NavigationService accessed from NavigationContext



```
NavigationContext.NavigationService.Journal.GoBack();
```





CanGoForward =
True

```
NavigationContext.NavigationService.Journal.GoForward();
```



Demo



Using the Navigation Journal



Summary



Navigate to Existing Views

Confirming or Cancelling Navigation

Using the Navigation Journal

