



View Presenters in MvvmCross

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MvvmCross & Xamarin HackDay
2nd September, Amsterdam

Agenda

- Introduction to navigation in MvvmCross
- What is a View Presenter?
- MvvmCross 5 View Presenters in deep
- Demo!



Navigation in MvvmCross

What does it look like?

- ViewModel first navigation system
- All logic can be performed in the shared code
- Each platform can decide how to present a View
- Customize behavior through presentation hints, e.g. close a View or clear the back stack



View Presenters

Shared code

FirstViewModel

Navigate()

SecondViewModel



ViewPresenter

FirstView to SecondView navigation



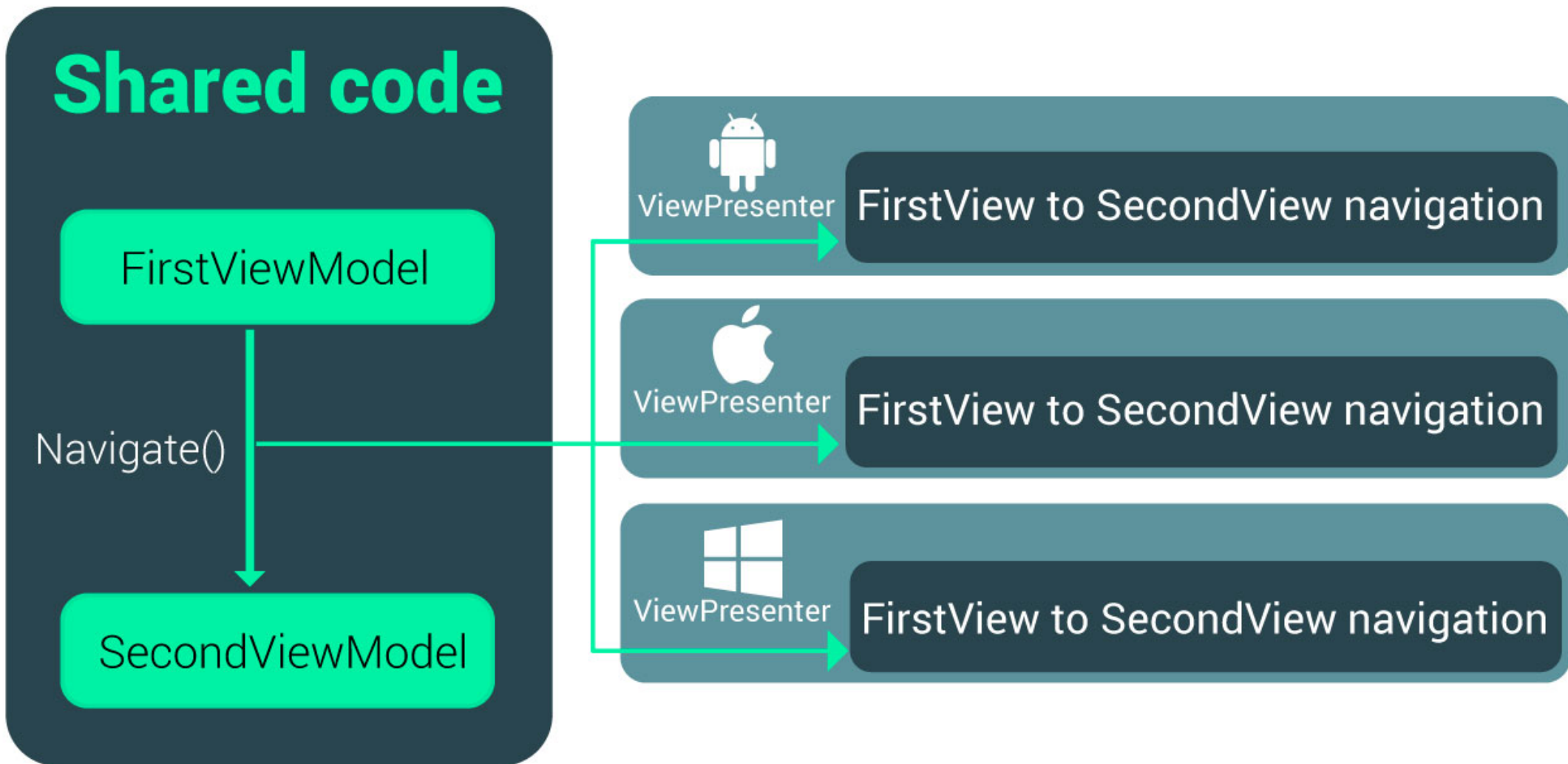
ViewPresenter

FirstView to SecondView navigation



ViewPresenter

FirstView to SecondView navigation



What is new in MvvmCross 5?

- New View Presenter for iOS (5.0)
- New View Presenter for macOS (5.1)
- New View Presenter for WPF (vNext)
- New View Presenter for Android (vNext)
- New View Presenter for tvOS [WIP]

New View Presenters in deep

- Different platforms, same logic applies
- Support for most use cases. **No more custom presenters!**
- Extensible and customizable implementations
- Documentation :)

View Attributes

```
[MvxRootPresentation(WrapInNavigationController = true)]  
public partial class MainView : MvxViewController<MainViewModel>  
{  
    // your code  
}
```

- Each platform already has a lot of predefined attributes
- Each attribute contains a set of properties that allow customization
- You can provide and register your own attributes!



Demo !

Thank you! :)

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