MvvmCross v3 Spring Community Technology Preview Refresh 1

10 things in v3

@slodge

MvvmCross v3 – Hot Tuna

~~MvvmCross v3 Spring Community Technology Preview Refresh 1~~

10 things in v3

[@slodge](https://twitter.com/slodge)

1. CoreCross

We've separated out a new base library containing:

- Trace

- Plugins

- IoC

- Shared interfaces and concepts (e.g. MvxColor)

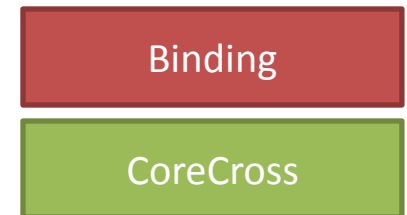CoreCross

IoC and plugins can now be used outside of MvvmCross

2. Binding

Android and iOS binding now sits below MvvmCross

Data-binding can now be used outside of MvvmCross!

Binding
CoreCross

3. Swiss Binding

Swiss binding is now the only
binding supported by default.

~~{'Text':{'Path':When','Converter':'TimeAgo'}}~~

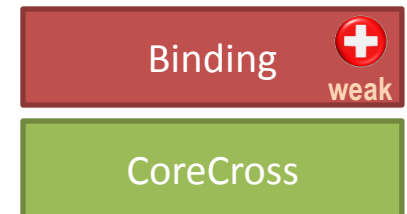`Text When, Converter=TimeAgo`

Binding

CoreCross

4. Binding Weak References

Android and iOS binding now use
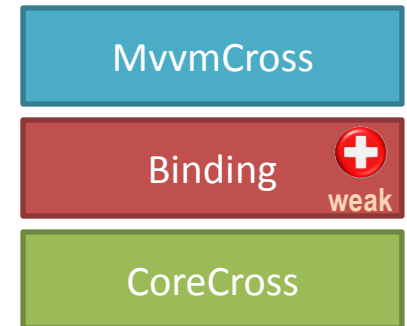WeakReferences to help avoid
memory leaks when:

- Binding to singletons/long-living ViewModel
  objects.
- Binding to iOS NSObjects which reference
  other NSObjects (oh my!)

Binding ✚ weak

CoreCross

5. MvvmCross

MvvmCross itself is lighter:

- Removed little used code like the old style ViewModelLocators.

- Removed the dependency on Json.Net (but I still ♥ it!)

MvvmCross

Binding ✚ weak

CoreCross

6. iOS

Flattened the class and naming structure.

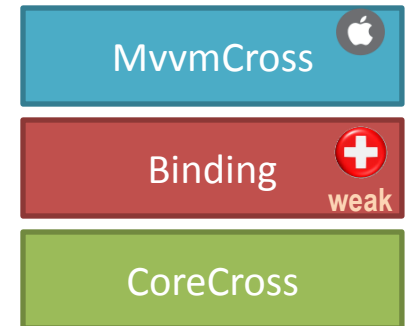~~MvxBindingTouchViewController~~

MvxViewController

Battled the Heizenbugs:

Views no longer inherit from generics

Added MvxBindingContext for even better Data-Binding

MvvmCross
Binding
CoreCross

7. Android

Flattened the class and naming structure.

~~MvxBindableListView~~

MvxListView

Unified the View style

Views no longer inherit from generics

Adding MvxFragment support using MvxBindingContext shared with iOS

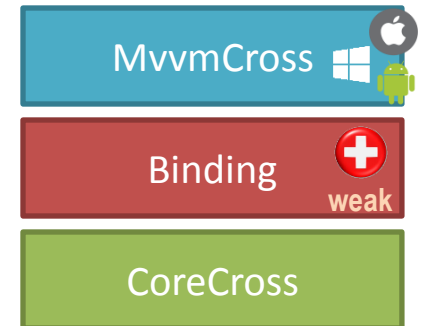| MvvmCross |
| Binding weak |
| CoreCross |

8. WP/WinRT

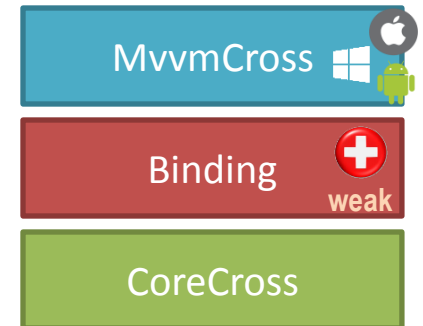Unified the View style

 Views no longer inherit from generics

Reuse of SQLite available for WP
and WinRT (as well as iOS and
Droid) via PCL plugin.

9. Mac

A work in progress …

Thanks especially to
[@deapsquatter](#) at [@CentraStage](#)
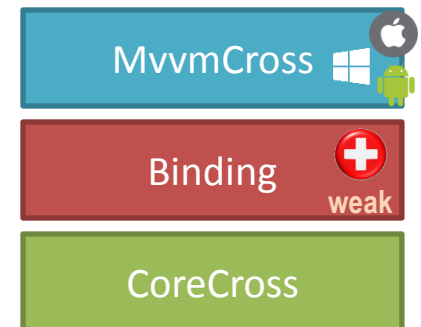for early prototypes

10. Elevators for the Learning Cliff

Works in progress:

- Documentation

- Samples

- Video Tutorials

- Binary Distribution vs NuGet vs Xamarin Component Store

- PCL support within Xamarin

Watch this space… or contribute to it!

MvvmCross v3 – Hot Tuna

The timeline…

    Winter 2012 – spawning

    Spring 2013 – gestation

    Summer 2013 – Hot Tuna

https://github.com/slodge/MvvmCross/tree/v3