Conclusion

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Less Ceremony, More Functionality

Power of Kotlin

Manage Views

- Kotlin Android Extension plugin
  - View Binding
    - No more findViewById
  - View Caching

Power of Kotlin

Interoperability

- Call Java code from Kotlin and vice-versa
- Use any existing Android APIs and Java libraries
  - Retrofit
  - Realm

Power of Kotlin

Null Safety
  - Safe Call [?.]
  - Elvis [?:]
  - Safe call with let [?.let{ }]
  - Not null assertion [!!]

Important Keywords
  - lateinit
  - lazy

Power of Kotlin

Kotlin Classes

– Object Declaration and Companion Object

– Data Class

– Open Class

– No more Getters and Setters

Power of Kotlin

Special features for ease of development

- Lambda Expression

- Higher-Order Function

- Default Parameter

- Extension Function

- Inline Function

Want to Dive Deeper?

Conclusion

Migrating your project to Kotlin

- Do not convert whole project at once
- Convert one file at a time
- Each time you convert one file run your test cases
- Generated code is not always nice to look at
  - Customize code as per Kotlin standards