

Introduction to Kotlin

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About me

- ▶ Campus Ambassador for JetBrains



Questions

- ▶ Eclipse users?
- ▶ IntelliJ users?



Questions

- ▶ Eclipse users?
- ▶ IntelliJ users?
- ▶ Heard of Kotlin before?
- ▶ Already using Kotlin?



Content

- ▶ Brief history
- ▶ Code demo focused on **practical** applications



Quick notes

- ▶ Please interrupt me if you have any questions



History

- ▶ JetBrains wanted a new language
- ▶ ... and had many requirements in mind



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- ▶ July 2011: Unveiling
- ▶ February 2012: First public snapshots
- ▶ October 2015: Beta Candidate
- ▶ February 2016: Kotlin 1.0!
- ▶ Now?



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- ▶ February 2016: Kotlin 1.0!
- ▶ Now? Kotlin 1.0.4 + 1.1EAP



Why Kotlin?

- ▶ Concise



Why Kotlin?

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- ▶ Safe



Why Kotlin?

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- ▶ Safe
- ▶ Java Interop



Why Kotlin?

- ▶ Concise
- ▶ Safe
- ▶ Java Interop
- ▶ Tooling



Where can I use Kotlin?

- ▶ Any JVM environment



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- ▶ ... + Android Java 6 support!



Where can I use Kotlin?

- ▶ Any JVM environment
- ▶ ... + Android Java 6 support!
- ▶ Existing projects!



To the code!



Ending

- ▶ Next session in a month
- ▶ Topic suggestions welcomed!
- ▶ Find this demo on Github:
`https://github.com/devbridie/jetbrains-tudelft`
- ▶ JetBrains for Students:
`https://www.jetbrains.com/student/`



Thank you!

