

Context Receivers

Exciting new addition to your Kotlin toolbox

About me



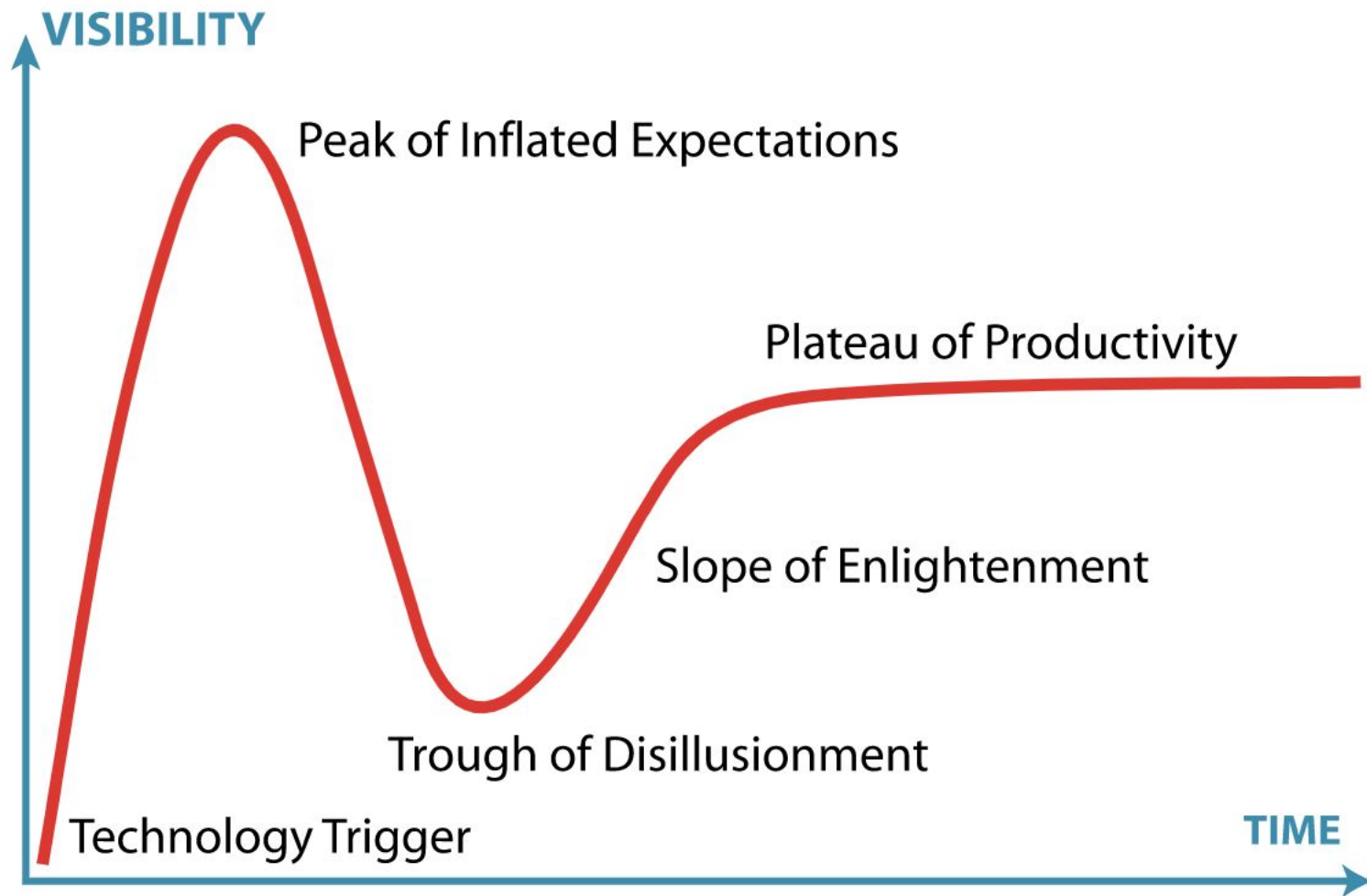
Alex Semin

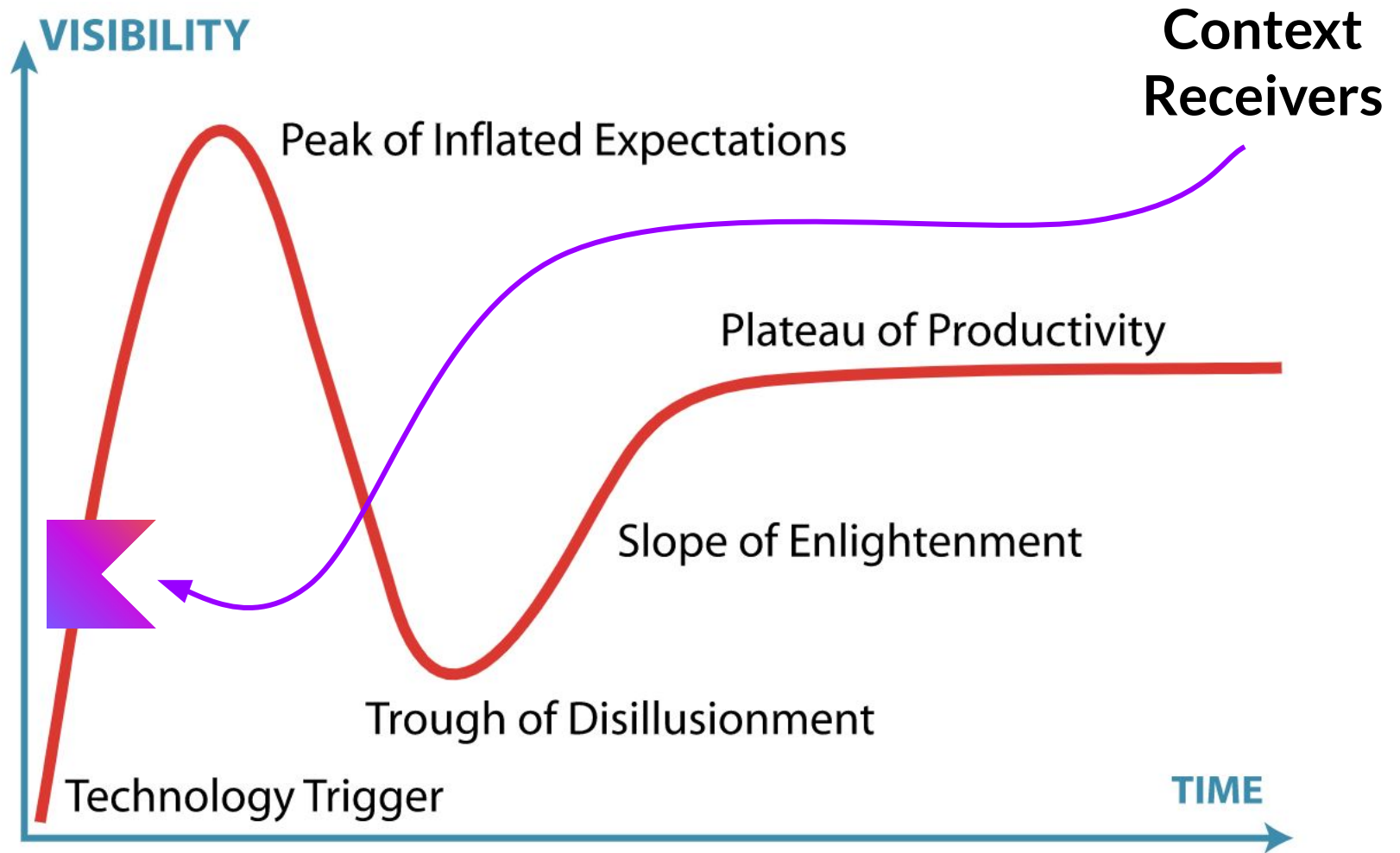
Software Engineer @ Gradle

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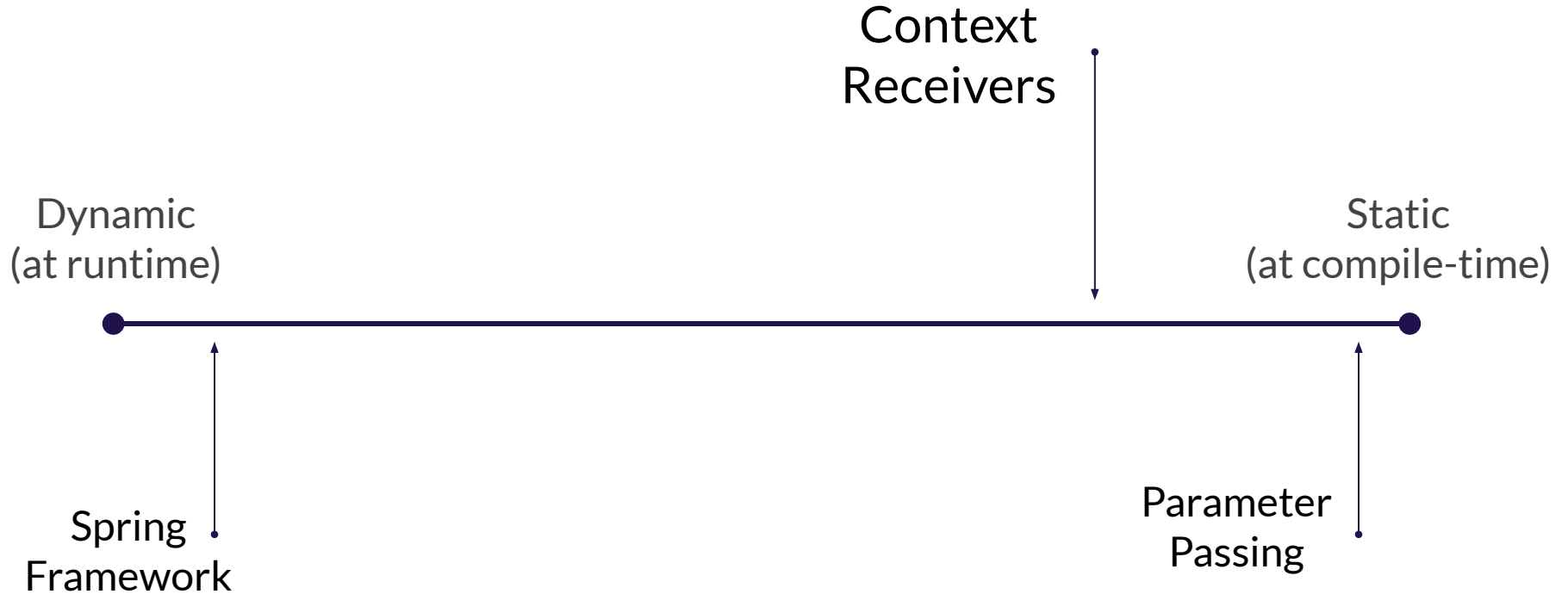
Demo

~~Demo~~ Magic Trick

Dependency Injection Spectrum



Dependency Injection Spectrum



Context Receivers: Use Cases

- Lightweight dependency injection mechanism
- Richer DSLs with contextual operators and infix functions
 - Density-independent pixels in Android
 - CoroutineScope as a context
 - Transactional functions
- Function scoping
- ...



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Blame



Context receivers

- **Type:** Design proposal
- **Authors:** Roman Elizarov, Anastasia Shadrina
- **Contributors:** Denis Zharkov, Marat Akhin, Mikhail Belyaev, Ilya Gorbunov, Ilmir Usmanov, Simon Ogorodnik, Dmitriy Novozhilov, Mikhail Glukhikh
- **Status:** Experimental in 1.6.20-M1
- **Discussion:** [KEEP-259](#)
- **Prototype:** Implemented



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Thank you!