

Kotlin Puzzlers

Russian premiere at JPoint, Moscow

#kotlinpuzzlers



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How can we save Java?

Why not use Kotlin :-)



Kotlin?

A new type-safe JVM language

Very good Java interop

Now also JavaScript and Native compilers

Pragmatic and concise

Open-source, developed by JetBrains

Very good tooling from the start

It took Kotlin 6 years to get to 1.0

2010-2016



Given the amount of time, it should be perfect

SpaceX Falcon 9 rocket succeeded with landing in < 4 years
2012-2016



Русский язык программирования

Есть чувство гордости?

```
fun hello() {
```

```
    val world = "World"
```

```
    print(world)
```

```
}
```

VS

```
фу привет() {
```

```
    знач мир = "Мир"
```

```
    печать(мир)
```

```
}
```

What are programming puzzles?

- Two guys on the stage
- Short programs with curious behaviour
- What do they print?
- You vote for the correct answer
- The mystery revealed
- The rationale & how to fix the problem

Kotlin Puzzlers

- Kotlin was **designed** to avoid well-known Java Puzzlers
- An ideal programming language doesn't have any
- Kotlin is pragmatic, not ideal
- Tested with fresh Kotlin 1.1.1

Ready?

github.com/angryziber/kotlin-puzzlers

Switching to Kotlin

No hype language

I was productive from day 1

A “better Groovy”, with static typing and great IDE support

Gradual conversion is possible - Ctrl+Alt+Shift+K in IDEA

- Even Gradle is switching!

Thanks!

Submit more here

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[#kotlinpuzzlers](https://twitter.com/kotlinpuzzlers)