

Kotlin & Java

Kotlin

- Clean syntax
 - var/val/func, String template, lambda, forEach, filter, asXXX, ranges, iterator, lazy, override operator, null check, etc.
 - Easy to learn
- Extension
- data/open class
- Compatible with Java
- inline: func code will be copied into all called places.
 - Good: replace default push/pop func stack, save some runtime memory/performance
 - Bad: after compiled, code expended and takes more memory spaces
 - Usage: often called func
 - reified
 - For: is, as, T::class, etc usage

Java

- `a ? b : c`