



Kotlin for Spring developers cheat sheet

IntelliJ IDEA

Convert Java to Kotlin	Menu option: Code > Convert Java File to Kotlin File
Default keymap	https://resources.jetbrains.com/storage/products/intellij- idea/docs/IntelliJIDEA_ReferenceCard.pdf

Build configuration

Maven	https://kotlinlang.org/docs/reference/using-maven.html
Gradle	https://kotlinlang.org/docs/reference/using-gradle.html

Documentation

Kotlin Reference	https://kotlinlang.org/docs/reference/
Spring Framework Kotlin	https://docs.spring.io/spring/docs/current/spring-
Support	framework-reference/languages.html#kotlin
Spring Boot Kotlin	https://docs.spring.io/spring-
Support	boot/docs/current/reference/html/spring-boot-
	<u>features.html#boot-features-kotlin</u>

Training material

Kotlin Bootique Documentation	https://github.com/sourcelabs-nl/kotlin-
	<u>bootique</u>
Kotlin Bootique Exercises	https://github.com/sourcelabs-nl/kotlin-
	<u>bootique-exercises</u>
Coursera Kotlin for Java	https://www.coursera.org/learn/kotlin-
Developers	for-java-developers/
Kotlin Koans	https://play.kotlinlang.org/koans/overview

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Kotlin stdlib

Kotlin	https://github.com/JetBrains/kotlin/tree/master/libraries/stdlib/sr
Standar	<u>c/kotlin</u>
d library	

Spring Kotlin Extensions

RestOperationsEx	https://github.com/spring-projects/spring-
tensions	<u>framework/blob/master/spring-</u>
	web/src/main/kotlin/org/springframework/web/client/
	RestOperationsExtensions.kt
JdbcOperationsE	https://github.com/spring-projects/spring-
xtensions	framework/blob/master/spring-
	jdbc/src/main/kotlin/org/springframework/jdbc/core/J
	<u>dbcOperationsExtensions.kt</u>
Bean definition	https://github.com/spring-projects/spring-
Extensions	framework/tree/master/spring-
	<pre>context/src/main/kotlin/org/springframework/context/s</pre>
	<u>upport</u>
Spring Boot	https://github.com/spring-projects/spring-
ApplicationExtens	boot/blob/master/spring-boot-project/spring-
ions	boot/src/main/kotlin/org/springframework/boot/Spring
	<u>ApplicationExtensions.kt</u>
Spring	https://github.com/spring-projects/spring-
WebMvc.fn	framework/tree/master/spring-
	webmvc/src/main/kotlin/org/springframework/web/ser
	<u>vlet/function</u>

Libraries

mockito-kotlin	https://github.com/nhaarman/mockito-kotlin
MockK	https://github.com/mockk/mockk
Jackson-module-	https://github.com/FasterXML/jackson-module-kotlin
kotlin	

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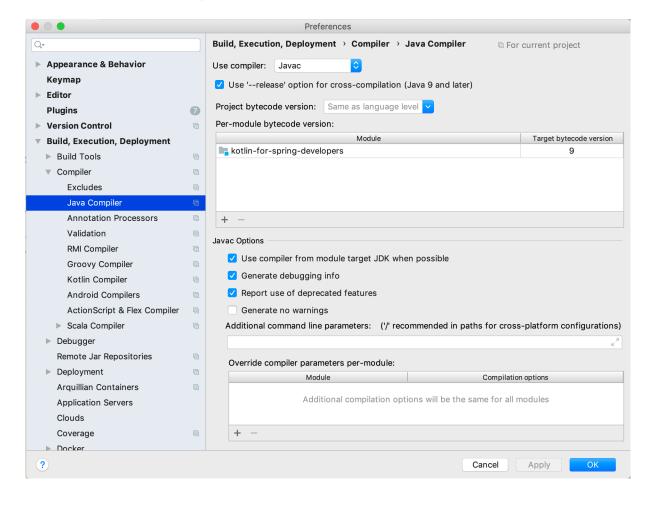




Gists

Maven	https://gist.github.com/soudmaijer/1720e97e360b376abeae7d5407
compil	306925
er	
Kotlin	https://gist.github.com/soudmaijer/e69dd5b5b237e2e12f7998610e7
compil	<u>6ea76</u>
er	

IntelliJ compiler settings



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