

New Project

Project SDK: 1.8 (java version "1.8.0_151") New...

Kotlin DSL build script

Additional Libraries and Frameworks:

- Java
- Groovy
- IntelliJ Platform Plugin
- Kotlin (Java)
- Kotlin (JavaScript)
- Kotlin (Multiplatform Common - Experimental)
- Kotlin (Multiplatform JS - Experimental)
- Kotlin (Multiplatform JVM - Experimental)

.....

A Kotlin library or application targeting the JVM

Previous Next Cancel Help

~/src/yrabbit-java

test

Home src tmp



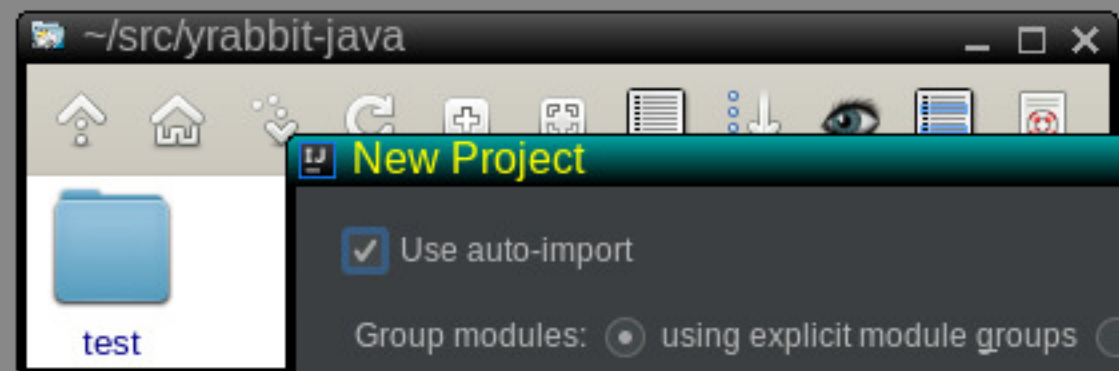
~/src/yrabbit-java

test

New Project

GroupId	<input type="text" value="io.github.yrabbit.kotlin"/>
ArtifactId	<input type="text" value="led-resistor"/>
Version	<input type="text" value="1.0-SNAPSHOT"/>

~/src/yrabbit-java



test

New Project

Use auto-import

Group modules: using explicit module groups using qualified names

Create separate module per source set

Use default gradle wrapper (recommended)

Use local gradle distribution

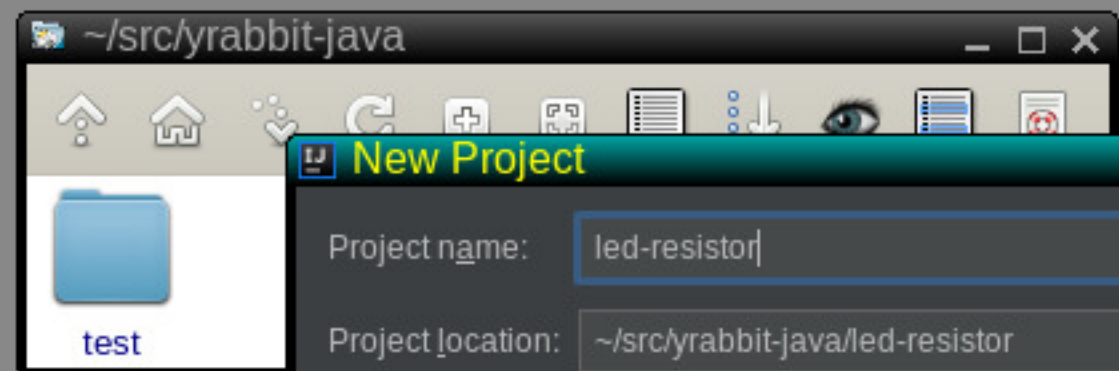
Gradle home: ...

Gradle JVM: ...

Previous Next Cancel Help



~/src/yrabbit-java



test



Home src tmp



New Project

Project name: led-resistor

Project location: ~/src/yrabbit-java/led-resistor

More Settings

Previous Finish Cancel Help

led-resistor

Project

- led-resistor ~/src/yrabbit-java/led-resistor
- External Libraries
- Scratches and Consoles

```

build.gradle (~/src/yrabbit-java/led-resistor) - VIM
    compile "org.jetbrains.kotlin:kotlin-stdlib-jdk8:$kotlin_version"
    compile fileTree(dir: 'libs', include: '*.jar')
}

compileKotlin {
    kotlinOptions.jvmTarget = "1.8"
}

compileTestKotlin {
    kotlinOptions.jvmTarget = "1.8"
}

sourceSets {
    main.java.srcDirs += 'src/main/java'
    main.java.srcDirs += 'src/main/kotlin'
}

jar {
    manifest {
        attributes 'Main-Class': 'io.github.yrabbit.kotlin.led.MainKt'
    }
    from { configurations.compile.collect { it.isDirectory() ? it : zipTree(it) } }
}

build.gradle [groovy] #1 42/43,30-37
"build.gradle" 43L, 852C written
    
```

Project

- led-resistor ~/src/yrabbit-java/led-resistor
 - .gradle
 - .idea
 - build
 - gradle
 - libs
 - src
 - main
 - java
 - kotlin
 - build.gradle
 - gradlew
 - gradlew.bat
 - settings.gradle
- External Libraries
- Scratches and Consoles

Search Everywhere Double Shift

Go to File Ctrl+Shift+N

New Package

Enter new package name:

OK Cancel

Project

- led-resistor ~/src/yrabbit-java/led-resistor
 - .gradle
 - .idea
 - build
 - gradle
 - libs
 - src
 - main
 - java
 - kotlin
 - build.gradle
 - gradlew
 - gradlew.bat
 - settings.gradle
- External Libraries
- Scratches and Consoles

Search Everywhere **Double Shift**

Go to File **Ctrl+Shift+N**

New Package

Enter new package name:

OK Cancel

Project

- led-resistor ~/src/yrabbit-java/led-resistor
 - .gradle
 - .idea
 - build
 - gradle
 - libs
 - src
 - main
 - java
 - io.github.yrabbit.java.util
 - kotlin
 - build.gradle
 - gradlew
 - gradlew.bat
 - settings.gradle
- External Libraries
- Scratches and Consoles

Search Everywhere Double Shift

Go to File Ctrl+Shift+N

New Package

Enter new package name:

OK Cancel

Project

- led-resistor ~/src/yrabbit-java/led-resistor
 - .gradle
 - .idea
 - build
 - gradle
 - libs
 - src
 - main
 - java
 - io.github.yrabbit.java.util
 - kotlin
 - io.github.yrabbit.kotlin.led
 - build.gradle
 - gradlew
 - gradlew.bat
 - settings.gradle
- External Libraries
- Scratches and Consoles

Search Everywhere Double Shift

Go to File Ctrl+Shift+N

Create New Class

Name: AddDir ↑↓

Kind: Class

OK Cancel

Project

- led-resistor ~/src/yrabbit-java/led-resistor
 - .gradle
 - .idea
 - build
 - gradle
 - libs
 - src
 - main
 - java
 - io.github.yrabbit.java.util
 - AddDir
 - kotlin
 - io.github.yrabbit.kotlin.led
- build.gradle
- gradlew
- gradlew.bat
- settings.gradle
- External Libraries
- Scratches and Consoles

```

1 package io.github.yrabbit.java.util;
2
3 import java.io.File;
4 import java.io.IOException;
5 import java.lang.reflect.Field;
6
7 public class AddDir {
8     public static void addDir(String s) throws IOException {
9         try {
10             // This enables the java.library.path to be modified at runtime
11             // From a Sun engineer at http://forums.sun.com/thread.jspa?threadID=707176
12             //
13             Field field = ClassLoader.class.getDeclaredField("usr_paths");
14             field.setAccessible(true);
15             String[] paths = (String[])field.get(null);
16             for (int i = 0; i < paths.length; i++) {
17                 if (s.equals(paths[i])) {
18                     return;
19                 }
20             }
21             String[] tmp = new String[paths.length+1];
22             System.arraycopy(paths, 0, tmp, 0, paths.length);
23             tmp[paths.length] = s;
24             field.set(null, tmp);
25             System.setProperty("java.library.path", System.getProperty("java.library.path") + File.separator + s);
26         } catch (IllegalAccessException e) {
27             throw new IOException("Failed to get permissions to set library path");
28         } catch (NoSuchFieldException e) {
29             throw new IOException("Failed to get field handle to set library path");
30         }
31     }
32 }
33

```

Project

- led-resistor ~/src/yrabbit-java/led-resistor
 - .gradle
 - .idea
 - build
 - gradle
 - libs
 - src
 - main
 - java
 - io.github.yrabbit.java.util
 - AddDir
 - kotlin

- build.gradle
- gradlew
- gradlew.bat
- settings.gradle
- External Libraries
- Scratches and Consoles

```

1 package io.github.yrabbit.java.util;
2
3 import java.io.File;
4 import java.io.IOException;
5 import java.lang.reflect.Field;
6
7 public class AddDir {
8     public static void addDir(String s) throws IOException {
9         try {
10             // This enables the java.library.path to be modified at runtime
11             // From a Sun engineer at http://forums.sun.com/thread.jspa?threadID=707176
12             //
13             Field field = ClassLoader.class.getDeclaredField("usr_paths");
14             field.setAccessible(true);
15             String[] paths = (String[])field.get(null);
16             for (int i = 0; i < paths.length; i++) {
17                 if (s.equals(paths[i])) {
18                     return;
19                 }
20             }
21         }
22     }
23 }
24
25 // ... paths.length);
26 // ... getProperty("java.library.path") + File.pathSeparator + s);
27 // ... s to set library path");
28 // ... le to set library path");
29
30 }
31 }
32 }
33

```

New Kotlin File/Class

Name:

Kind:

OK Cancel