kumuluzee-examples (0.0.1)

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Chapter 1. Introduction

Read project reference documentation

build

```
./mvnw
```

docs

```
./gradlew documentation -Dorg.gradle.jvmargs='-Xmx1g'
```

TODO (Gradle):

- KumuluzEE with Gradle 1
- KumuluzEE with Gradle 2
- KumuluzEE with Gradle 3

Chapter 2. Implementation

2.1. KumuluzEE using Gradle (Kotlin DSL)

```
val kumuluzeeLoader by configurations.creating {
  extendsFrom(configurations["runtime"])
  setTransitive(false)
}
dependencies {
  kumuluzeeLoader("com.kumuluz.ee:kumuluzee-loader:$kumuluzeeVersion")
  // ...
}

tasks {
  register("kumuluzLoader", Copy::class.java) {
    group = "KumuluzEE"
    description = "Repackage KumuluzEE loader"
    from(zipTree(configurations["kumuluzeeLoader"].singleFile).matching {
include("**/*.class") })
    into("$buildDir/classes/java/main")
    //outputs.upToDateWhen { false }
    shouldRunAfter("classes")
  }

  register("kumuluzProperties") {
    group = "KumuluzEE"
    description = "Add KumuluzEE boot-loader.properties file"
    val parent = "$buildDir/classes/java/main/META-INF/kumuluzee"
    file(parent).mkdirs()
    file("$parent/boot-loader.properties")
        .writeText("main-class=com.kumuluz.ee.EeApplication\n", UTF_8)
      //.appendText("\n", UTF_8)
    shouldRunAfter("classes", "kumuluzLoader")
  }

  register("kumuluzJar", Jar::class.java) {
    group = "KumuluzEE"
    description = "Build KumuluzEE uber (fat) jar"

    archiveClassifier.set("all")
    duplicatesStrategy = DuplicatesStrategy.EXCLUDE

    manifest {
      attributes("Main-Class" to "com.kumuluz.ee.loader.EeBootLoader")
    }

    // deps
    val libs = configurations.runtimeClasspath
    //libs.get().forEach { println("add dependency: ${it.name}") }
    from(libs.get()) {
      into("lib")
    }

    // app
    val sourcesMain = sourceSets.main
    //sourcesMain.get().allSource.forEach { println("add app: ${it.name}") }
    from(sourcesMain.get().output)
    //from(configurations["kumuluzeeLoader"])

    shouldRunAfter("kumuluzLoader", "kumuluzProperties")
    dependsOn("kumuluzLoader", "kumuluzProperties")
    finalizedBy("build")
  }
}

defaultTasks("kumuluzJar")
```

Chapter 3. Links

- GitHub repo
- GitHub pages