

```

<repositories>
  <repository>
    <id>central</id>
    <name>Maven Central</name>
    <layout>default</layout>
    <url>https://repo1.maven.org/maven2</url>
  </repository>
</repositories>

```

```

<dependencies>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>4.12</version>
    <scope>test</scope>
  </dependency>
</dependencies>

```

```

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>2.10</version>
      <configuration>
        <includes>
          <!--<include>*\*\*Test.java</include>-->
          <include>**\*</include>
        </includes>
      </configuration>
    </plugin>
  </plugins>
</build>

```



```

// add repository MavenCenter
repositories {
  mavenCentral()
}

```

```

// add dependency to JUnit4
dependencies {
  testImplementation 'junit:junit:4.12'
  testImplementation 'org.junit.vintage:junit-vintage-engine:4.12.3'
}

```

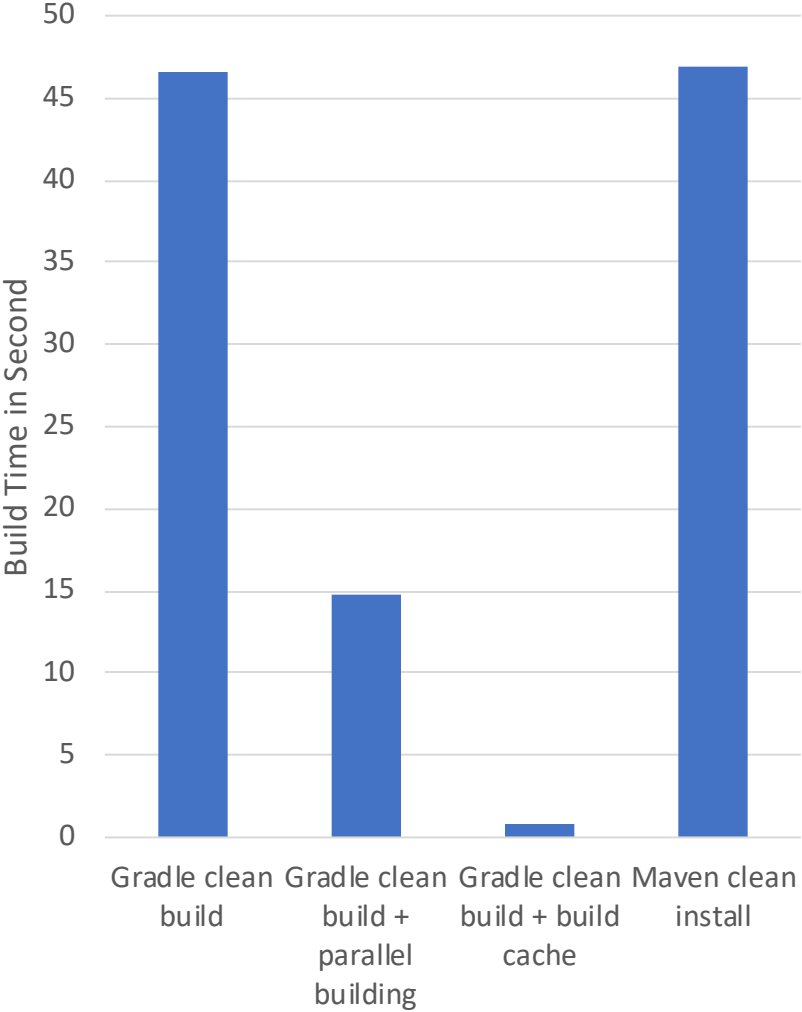
```

// add additional unit test file directories
sourceSets.test.java{
  srcDirs = ['src/test/additionalTests/']
}

```



Gradle vs Maven



```
org.gradle.caching=true  
org.gradle.parallel=true
```

```
tasks.named("test"){ Task it -> maxParallelForks = 12 }
```

Test Design	Time (second)	Link to the report	Time Saving From
Gradle clean build	46.553	https://enterprise-training.gradle.com/s/kaqp3akwvqy6i/timeline	NA
Gradle clean build + Parallel building	14.792	https://enterprise-training.gradle.com/s/gz5glkdsra5hu/timeline	running all the 10 tests in parallow
Gradle clean build + build cache	0.790	https://enterprise-training.gradle.com/s/tkkgusgoushk6/timeline	directly using all the build cache from the previous build
Maven clean install	46.864	NA	NA