

```
/Users/jannikloth/Library/Java/JavaVirtualMachines/openjdk-23/Contents/Home/bin/java -ea -Djava.library.path=/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-21.0.4/lib -
javaagent:/Users/jannikloth/Library/Caches/JetBrains/IntelliJ IDEA 2024.2/testAgent/intellij.platform.coverage.agent.jar=/private/var/folders/gv/s8k91dpn24j25r1hdkkcrjm4
-Didea.coverage.calculate.hits=true -Didea.test.cyclic.buffer.size=1048576 -javaagent:/Users/jannikloth/Applications/IntelliJ IDEA
Ultimate.app/Contents/lib/idea_rt.jar=60215:/Users/jannikloth/Applications/IntelliJ IDEA Ultimate.app/Contents/bin -Dfile.encoding=UTF-8 -
Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath /Users/jannikloth/.m2/repository/org/junit/platform/junit-platform-launcher/1.8.1/junit-
platform-launcher-1.8.1.jar:/Users/jannikloth/.m2/repository/org/junit/vintage/junit-vintage-engine/5.8.1/junit-vintage-engine-
5.8.1.jar:/Users/jannikloth/Applications/IntelliJ IDEA Ultimate.app/Contents/lib/idea_rt.jar:/Users/jannikloth/Applications/IntelliJ IDEA
Ultimate.app/Contents/plugins/junit/lib/junit5-rt.jar:/Users/jannikloth/Applications/IntelliJ IDEA Ultimate.app/Contents/plugins/junit/lib/junit-
rt.jar:/Users/jannikloth/Documents/Coding/ASWE
Projekt/PackageCalculator/out/production/PackageCalculator:/Users/jannikloth/Documents/Coding/Libs/jackson-core-
2.18.1.jar:/Users/jannikloth/Documents/Coding/Libs/jackson-databind-2.18.1.jar:/Users/jannikloth/Documents/Coding/Libs/jackson-annotations-
2.18.1.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-21.0.4/lib/javafx-swt.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-
21.0.4/lib/javafx.web.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-21.0.4/lib/javafx.base.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-
21.0.4/lib/javafx.fxml.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-21.0.4/lib/javafx.media.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-
21.0.4/lib/javafx.swing.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-21.0.4/lib/javafx.controls.jar:/Users/jannikloth/Documents/Coding/Libs/javafx-sdk-
21.0.4/lib/javafx.graphics.jar:/Users/jannikloth/.m2/repository/junit/junit/4.13.1/junit-4.13.1.jar:/Users/jannikloth/.m2/repository/org/hamcrest/hamcrest-
core/1.3/hamcrest-core-1.3.jar:/Users/jannikloth/.m2/repository/org/junit/jupiter/junit-jupiter/5.8.1/junit-jupiter-
5.8.1.jar:/Users/jannikloth/.m2/repository/org/junit/jupiter/junit-jupiter-api/5.8.1/junit-jupiter-api-
5.8.1.jar:/Users/jannikloth/.m2/repository/org/opentest4j/opentest4j/1.2.0/opentest4j-1.2.0.jar:/Users/jannikloth/.m2/repository/org/junit/platform/junit-platform-
commons/1.8.1/junit-platform-commons-1.8.1.jar:/Users/jannikloth/.m2/repository/org/apiguardian/apiguardian-api/1.1.2/apiguardian-api-
1.1.2.jar:/Users/jannikloth/.m2/repository/org/junit/jupiter/junit-jupiter-params/5.8.1/junit-jupiter-params-
5.8.1.jar:/Users/jannikloth/.m2/repository/org/junit/jupiter/junit-jupiter-engine/5.8.1/junit-jupiter-engine-
5.8.1.jar:/Users/jannikloth/.m2/repository/org/junit/platform/junit-platform-engine/1.8.1/junit-platform-engine-1.8.1.jar com.intellij.rt.junit.JUnitStarter -ideVersion5 -
junit5 @w@/private/var/folders/gv/s8k91dpn24j25r1hdkkcrjm40000gn/T/idea_working_dirs_junit.tmp
@/private/var/folders/gv/s8k91dpn24j25r1hdkkcrjm40000gn/T/idea_junit.tmp -socket60214 Process finished with exit code 0
```

ErrorDisplayStateTest

23 ms

testConvertToDisplayString()	passed	22 ms
testFromDisplayString()	passed	
testInvalidDisplayString()	passed	1 ms

MeasurementSystemTest

4 ms

testConvertToDisplayString()	passed	4 ms
testConvertLength()	passed	
testConvertWeight()	passed	
testFromDisplayString()	passed	

CalculatorTest

283 ms

testSmallHeavyParcelRate()	passed	262 ms
testOneZeroDimension()	passed	1 ms
testOrientationsHeight()	passed	1 ms
testRotatedParcelRate()	passed	1 ms
testNegativeDimensions()	passed	1 ms
testExceedMaxGirth()	passed	2 ms
testFloatingPointPrecisionForWeight()	passed	1 ms
testExceedMaxDimensions()	passed	1 ms
testSmallParcelRate()	passed	1 ms
testMaxIntegerDimensions()	passed	1 ms
testXLParcelRate()	passed	1 ms
testXXLParcelRate()	passed	2 ms
testExceedMaxWeight()	passed	1 ms
testMediumParcelRate()	passed	1 ms
testAllZeroDimensions()	passed	1 ms
testNegativeWeight()	passed	1 ms
testNullPacket()	passed	1 ms
testNearLimitCombination()	passed	1 ms

All tests: 52 total, 52 passed

569 ms

[Collapse](#) | [Expand](#)**testRandomPackets()**

passed 255 ms

CurrencyTest

1 ms

testConvertToDisplayString()

passed 1 ms

testConvertToEuro()

passed

testFromDisplayString()

passed

testConvertFromEuro()

passed

testInvalidDisplayString()

passed

SettingsManagerTest

1 ms

testListenerNotification()

passed 1 ms

testDefaultValues()

passed

testMultipleListenersNotification()

passed

testSetAndGetCurrency()

passed

testSetAndGetMeasurementSystem()

passed

testSetAndGetErrorDisplayState()

passed

ShippingRuleTest**testMatches_ValidPacket_MatchesRule()**

passed

testMatches_InvalidPacket_GirthExceeds()

passed

testMatches_InvalidPacket_WeightExceeds()

passed

testMatches_InvalidPacket_NullPacket()

passed

testMatches_InvalidPacket_DimensionsExceed()

passed

testMatches_ValidLimitPacket_MatchesRule()

passed

ShippingRuleLoaderTest

2 ms

testLoadDefaultShippingRules()

passed 1 ms

testLoadShippingRulesWithDimensionsAndWeight()

passed

testLoadShippingRulesSuccessfully()

passed

testLoadShippingRulesWithEmptyJson()

passed 1 ms

testLoadShippingRulesFileNotFound()

passed

testLoadShippingRulesWithCorruptedJson()

passed

testShippingRulesAreSortedByCost()

passed