

MonteCarloPiKernel.java

MonteCarloPi.scala
MonteCarloPiSpark.scala

```
javac <name>.class -classpath  
$(ROOTBEER_ROOT)/Rootbeer.jar:.
```

```
jar -cvfm gpu.tmp.jar  
*Kernel.class
```

```
scalac *.scala -classpath  
"$SPARK_ROOT"/core/target/spark-  
core_2.10-1.5.2.jar:"$ROOTBEER_ROOT"/  
Rootbeer.jar:./gpu.jar:.
```

gpu.tmp.jar

MonteCarloPiSpark\$\$anonfun\$1.class

```
java -jar $(ROOTBEER_ROOT)/  
Rootbeer.jar MontePiGPUtmp.jar  
MontePiGPU.jar -64bit -  
computecapability=sm_30
```

```
jar -cvfm cpu.jar manifest.txt  
MonteCarloPiSpark*.class
```

gpu.jar

cpu.jar

Rootbeer.jar

scala-library.jar

MontePi.jar

Fertiggestellte MontePi-
Klasse, die mit Spark
ausgeführt werden kann

```
zipmerge MontePi.jar /usr/  
share/java/scala-library.jar  
gpu.jar Rootbeer.jar cpu.jar
```