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Terminal - vboxuser@cs551vm: ~/Desktop/cloud-provider-benchmarks-extension/nexmark/target
File Edit View Terminal Tabs Help
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension$ mvn clean package
[INFO] Scanning for projects...
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 0.039 s
[INFO] Finished at: 2024-03-17T07:27:01+08:00
[INFO] -----
[ERROR] The goal you specified requires a project to execute but there is no POM in this directory (/home/vboxuser/Desktop/cloud-provider-benchmarks-extension). Please verify you invoked Maven from the correct directory. -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MissingProjectException
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension$ ^C
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension$ ^C
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension$ ls
deem22  kafkaconsumer.py  nexmark-kafka  ysb-kafka
iot-kafka  nexmark  README.md
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension$ cd nexmark
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark$ ls
build.py  pom_template.xml  pom.xml  README.md  src  tools
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark$ mvn clean package
[INFO] Scanning for projects...
[INFO]
[INFO] -----< org.bucasp:Nexmark >-----
[INFO] Building Nexmark 1.1-SNAPSHOT
[INFO] -----[ jar ]-----
Downloading from central: https://repo.maven.apache.org/maven2/io/grpc/grpc-core/maven-metadata.xml
Downloading from apache.snapshots: https://repository.apache.org/snapshots/io/grpc/grpc-core/maven-metadata.xml
Downloading from central: https://repo.maven.apache.org/maven2/io/grpc/grpc-core/maven-metadata.xml (5.3 kB at 13 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/io/netty/netty-codec-http2/maven-metadata.xml
Downloading from apache.snapshots: https://repository.apache.org/snapshots/io/netty/netty-codec-http2/maven-metadata.xml
Downloading from central: https://repo.maven.apache.org/maven2/io/netty/netty-codec-http2/maven-metadata.xml (4.9 kB at 72 kB/s)
Downloading from Apache Snapshots Repository: https://repository.apache.org/content/repositories/snapshots/io/grpc/grpc-core/maven-metadata.xml
Downloading from Sonatype Snapshots Repository: https://oss.sonatype.org/content/repositories/snapshots/io/grpc/grpc-core/maven-metadata.xml
Downloading from Sonatype Snapshots Repository: https://oss.sonatype.org/content/repositories/snapshots/io/grpc/grpc-core/maven-metadata.xml (906 B at 3.6 kB/s)
Downloading from Apache Snapshots Repository: https://repository.apache.org/content/repositories/snapshots/io/netty/netty-codec-http2/maven-metadata.xml
Downloading from Sonatype Snapshots Repository: https://oss.sonatype.org/content/repositories/snapshots/io/netty/netty-codec-http2/maven-metadata.xml
Downloading from Sonatype Snapshots Repository: https://oss.sonatype.org/content/repositories/snapshots/io/netty/netty-codec-http2/maven-metadata.xml
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File Edit View Terminal Tabs Help
2/maven-metadata.xml
Downloaded from Sonatype Snapshots Repository: https://oss.sonatype.org/content/repositories/snapshots/io/netty/netty-codec-http2
/maven-metadata.xml (2.2 kB at 30 kB/s)
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ Nexmark ---
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ Nexmark ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/main/resources
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ Nexmark ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 11 source files to /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/target/classes
[WARNING] /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/main/java/flink/queries/Query5.java: Some input
files use or override a deprecated API.
[WARNING] /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/main/java/flink/queries/Query5.java: Recompile with
-Xlint:deprecation for details.
[WARNING] /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/main/java/flink/sinks/DummyLatencyCountingSink.j
ava: /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/main/java/flink/sinks/DummyLatencyCountingSink.java u
ses unchecked or unsafe operations.
[WARNING] /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/main/java/flink/sinks/DummyLatencyCountingSink.j
ava: Recompile with -Xlint:unchecked for details.
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ Nexmark ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/src/test/resources
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ Nexmark ---
[INFO] No sources to compile
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ Nexmark ---
[INFO] No tests to run.
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ Nexmark ---
[INFO] Building jar: /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/target/Nexmark-1.1-SNAPSHOT.jar
[INFO] --- maven-assembly-plugin:3.3.0:single (Query1) @ Nexmark ---
Downloading from central: http://repo.maven.apache.org/maven2/org/sonatype/plugins/nexus-staging-maven-plugin/1.6.6/nexus-staging
-maven-plugin-1.6.6.pom
[WARNING] Failed to build parent project for com.google.cloud:google-cloud-core-grpc:jar:1.2.0
[WARNING] Failed to build parent project for com.google.cloud:google-cloud-core:jar:1.0.2
[WARNING] Failed to build parent project for com.google.cloud:google-cloud-spanner:jar:0.20.0-beta
[INFO] Building jar: /home/vboxuser/Desktop/cloud-provider-benchmarks-extension/nexmark/target/Query1-jar-with-dependencies.jar
[INFO] --- maven-assembly-plugin:3.3.0:single (Query3) @ Nexmark ---
[WARNING] Failed to build parent project for com.google.cloud:google-cloud-core-grpc:jar:1.2.0
[WARNING] Failed to build parent project for com.google.cloud:google-cloud-core:jar:1.0.2
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[INFO] Finished at: 2024-05-17 10:55:30+08:00
[INFO] -----
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark$ ls
build.py pom.template.xml pom.xml README.md src target tools
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark$ cd target
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark/target$ ls
archive-tmp          Query1-jar-with-dependencies.jar
classes              Query3-jar-with-dependencies.jar
generated-sources    Query5-jar-with-dependencies.jar
maven-archiver        Query5mod-jar-with-dependencies.jar
maven-status          Query8-jar-with-dependencies.jar
Nexmark-1.1-SNAPSHOT.jar Query8mod-jar-with-dependencies.jar
Query11-jar-with-dependencies.jar
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark/target$ flink run Query1-jar-with-dependencies.jar
Command 'flink' not found, did you mean:
command 'plink' from snap plink (1.90p)
command 'plink' from deb putty-tools (0.76-2)
command 'elink' from deb ncbi-entrez-direct (14.6.20210224+dfsg-Subuntu0.2)
command 'link' from deb coreutils (8.32-4.1ubuntu1)
command 'flink' from deb flink (1.1-3)
command 'jlink' from deb openjdk-11-jdk-headless (11.0.20.1+1-0ubuntu1-22.04)
command 'jlink' from deb openjdk-17-jdk-headless (17.0.8.1+1-us1-0ubuntu1-22.04)
command 'jlink' from deb openjdk-18-jdk-headless (18.0.2+9-2-22.04)
command 'jlink' from deb openjdk-19-jdk-headless (19.0.2+7-0ubuntu3-22.04)
command 'ilink' from deb fastlink (4.1P-fix100+dfsg-4)
command 'mlink' from deb fastlink (4.1P-fix100+dfsg-4)
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark/target$ /home/vboxuser/Desktop/flink-1.18.1/bin/flink run
Query1-jar-with-dependencies.jar

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The program finished with the following exception:
org.apache.flink.client.program.ProgramInvocationException: The main method caused an error: No data for required key 'ratelist'
    at org.apache.flink.client.program.PackagedProgram.callMainMethod(PackagedProgram.java:372)
    at org.apache.flink.client.program.PackagedProgram.invokeInteractiveModeForExecution(PackagedProgram.java:222)
    at org.apache.flink.client.ClientUtils.executeProgram(ClientUtils.java:105)
    at org.apache.flink.client.cli.CliFrontend.executeProgram(CliFrontend.java:851)
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at org.apache.flink.client.program.PackagedProgram.callMainMethod(PackagedProgram.java:355)
... 9 more
vboxuser@cs551vm:~/Desktop/cloud-provider-benchmarks-extension/nexmark/target$ /home/vboxuser/Desktop/flink-1.18.1/bin/flink run
Query1-jar-with-dependencies.jar --ratelist 250_300000_11000_300000
[250, 300000, 11000, 300000]
Job has been submitted with JobID d5a6eaa7736ed56993fe746ebccd7fcb
Program execution finished
Job with JobID d5a6eaa7736ed56993fe746ebccd7fcb has finished.
Job Runtime: 601485 ms
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archive-tmp	Query1-jar-with-dependencies.jar
classes	Query3-jar-with-dependencies.jar
generated-sources	Query5-jar-with-dependencies.jar
maven-archiver	Query5mod-jar-with-dependencies.jar
maven-status	Query8-jar-with-dependencies.jar
Nexmark-1.1-SNAPSHOT.jar	Query8mod-jar-with-dependencies.jar
Query11-jar-with-dependencies.jar	

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/home/vboxuser/Desktop/flink-1.18.1/bin/flink run Query1-jar-with-dependencies.jar --
ratelist 250_300000_11000_300000
```

```
/home/vboxuser/Desktop/flink-1.18.1/bin/flink run Query3-jar-with-dependencies.jar --
ratelist 50000_300000_10000_300000_1000_600000_200_600000
```

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/home/vboxuser/Desktop/flink-1.18.1/bin/flink run Query5-jar-with-dependencies.jar
--ratelist 250_300000_11000_300000
```

```
/home/vboxuser/Desktop/flink-1.18.1/bin/flink run Query8-jar-with-dependencies.jar
--ratelist 50000_300000_10000_300000_1000_600000_200_600000
```