

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green color. They are positioned diagonally, with the blue one partially covering the green one.

How to run MATSim on HPC

Handa Shi



install Maven and JDK on HPC

```
mvn clean install -DskipTests
```



Packaging the runnable file into the Jar

```
mvn dependency:copy-dependencies -DoutputDirectory=target/lib
```

Project ▾

- OpenBerlinDrtScenario
- OpenBerlinScenario
- RunOpenBerlinScenario
- > python
- > R
- > resources
- > sh
- > test
- ▼ target
- ▼ classes
- > META-INF
- ▼ org
- ▼ matsim
- > analysis
- > dashboard
- > legacy
- > prepare
- ▼ run
- > policies
- > scoring
- Activities
- OpenBerlinDrtScenario
- > OpenBerlinScenario
- RunOpenBerlinScenario
- mode_share_distance_distribution.csv
- mode_share_per_dist_ref.csv
- mode_share_per_group_dist_ref.csv

M+ README.md </> checkstyle.xml RunOpenBerlinScenario.java RunOpenBerlinScenario.class x

Decompiled .class file, bytecode version: 65.0 (Java 21)

```
1 //
2 // Source code recreated from a .class file by IntelliJ IDEA
3 // (powered by FernFlower decompiler)
4 //
5
6 package org.matsim.run;
7
8 import org.matsim.application.MATSimApplication;
9
10 public final class RunOpenBerlinScenario {
11     private RunOpenBerlinScenario() {
12     }
13
14     public static void main(String[] args) {
15         MATSimApplication.runWithDefaults(OpenBerlinScenario.class, args, new String[0]);
16     }
17 }
18
```



the **nohup** serves to make sure that MATSim does not stop when your terminal disconnects



Run this script

```
nohup java -Xmx123G -cp "/target/matsim-berlin-6.4.jar:/target/lib/*"  
org.matsim.run.RunOpenBerlinScenario --config /path/to/config.xml > logfile.log 2>&1 &
```