
COMPUTAÇÃO DE ALTO DESEMPENHO

2018/2019

Spark Lab

1. Import this lab's companion Gradle project into your IDE and study, and run, the *WordCount* Java (Spark) application.
 - a. Install the Gradle plugin on Eclipse or IntelliJ (if not already installed)
 - b. Import the Gradle project
 - c. Run *WordCount* as a "Java Application"
2. Starting from the code given in the *FlightAnalysis.java* file, compute:
 - a. the number of flights departing from each airport
 - b. the route with more flights
 - c. the longest flight
 - d. average delay at arrival per route

BIBLIOGRAPHY:

- RDD Programming Guide: <https://spark.apache.org/docs/latest/rdd-programming-guide.html>
- A simple Spark Tutorial: https://www.tutorialspoint.com/apache_spark/index.htm
- Spark Dataset: <https://hortonworks.com/tutorial/dataframe-and-dataset-examples-in-spark-repl/>