

GRASP Search Exercises

Download the file:

`GRASPexe.zip`

from the homepage. Unpack the file:

- `unzip GRASPexe.zip`

The program files contain 4 files:

- `MainGrasp.java`: Starts the algorithm (notice the parameter inclusion).
- `DataObject.java`: The dataobject
- `Grasp.java`: The main algorithm file
- `HillClimber.java`: The hillclimber, used as a sub-routine.

The structure of the files and the algorithms very much resembles the exercises from last week. Please do the following:

- Read and try to understand the GRASP algorithm
- Compile the codes and run the algorithm
- Experiment with the length of the RCL list.
- Change the local search heuristic from steepest decent to “first decent”