

## Installation guide CPLEX

1. Download CPLEX
2. On Unix make the installer executable with  
`chmod +x cplex_studio126_osx.bin`
3. Execute the cplex installer with a command line interface  
`./ cplex_studio126_osx.bin`
4. Follow the installation instructions
5. Add the path to the cplex binary to the PATH.
6. For me the path was  
`/Users/Benedikt/Applications/IBM/ILOG/CPLEX_Studio126/cplex/bin/x86-64_osx`
7. Make sure that JAVA 7 and Eclipse are set up properly.
8. Extract the project from the zip file and add it to Eclipse
9. Run the TestRunner to verify everything works.

### Troubleshooting:

1. You probably didn't set up the path correctly
  - a. for Windows follow
  - b. <http://pic.dhe.ibm.com/infocenter/cosinfoc/v12r2/index.jsp?topic=%2Filog.odms.cplex.help%2FContent%2FOptimization%2FDocumentation%2FCPLEX%2Fpubskel%2FCPLEX18.html>
  - c. For Unix add the following two lines to a file called .profile in ~
  - d. `export CPLEX = Path_to_cplex`
  - e. `export PATH= $PATH:$CPLEX`
  - f. If this fails you can also add `-Djava.library.path=Path to cplex` as an execution argument in the run configuration
2. You might have a different version of cplex and need to update the jar
  - a. Go into the build path of the project.
  - b. Click add external jar
  - c. Select cplex.jar which should be somewhere like this
  - d. `/Users/Benedikt/Applications/IBM/ILOG/CPLEX_Studio126/cplex/lib`
3. Do you have Java 7 installed and are set up as jre in eclipse
4. Write on NB if you continue to have a problem