



command can help).

marked at most 6

most 15

most 17

A solution with compile errors will be marked 0

Code clarity and structure will also be accounted.

Annex - Sugestions to set-up your work environment

This annex contains a quick crash course on how to instal CNSS, the assignment files, as well as to prepare your environment for developping in the command line. In the assignment 0 notebook, you also find instructions for how to use a development environment and use it. The directories organization will be very similar to the one presented below. Following the instructions in assignment 0, you can install CNSS by performing the following actions.

Start by choosing a directory (root directory of your work) to contain all the files you need to work in your

assignment. Make that directory your curernt directory and perform the following actions:

We will get your DVControl.java file, compile it with CNSS and the files DVControlPayload.java and DVRoutingTableEntry.java and then run tests. We will allocate marks to your solution as follows:

A solution not being able to correctly perform Stage 1 tests (config5.1.txt and config5.2.txt): will be

A solution correctly performing Stage 1 tests (config5.1.txt and config5.2.txt): will be marked at most 13

A solution correctly performing Stage 1 & 2 tests (config5.1.txt up to config5.4.txt): will be marked at

A solution correctly performing Stages 1, 2 & 3 tests (config5.1.txt up to config5.6.txt): will be marked at

Solutions that implement all stages and pass all tests (config5.1.txt up to config5.8.txt) have no a priori

git clone https://github.com/jlegatheaux/cnss
cd cnss
mkdir bin
javac -d bin src/*/*/.java
cd ..

You can then install the assignments files and start your developemnt and tests. Download file
assignment5.zip from this repository to your working directory, that is, the one that contains the cnss directory
created above, and type the following commands:

unzip assignment5.zip
cd assignment5
mkdir bin
javac -d bin -cp ../cnss/src/ src/*.java

Now, you have two dirtectories: cnss and assignement5. You work in the last one. Modify your
src/DVControl.java file and compile it. To test it inside the assignment5 directory use, for example
java -cp bin:../cnss/bin cnss.simulator.Simulator configs/config5.1.txt

java -cp bin:../cnss/bin cnss.simulator.Simulator configs/config5.1.txt

To test and compare with the expected results type

java -cp bin:../cnss/bin cnss.simulator.Simulator configs/config5.1.txt > result5.1.txt
diff result5.1.txt results/result5.1.txt

Naturally, as most of us, you prefer to edit and compile your source files with an IDE, like Eclipse for example. The main difference is that your root directory should be the working directory of your IDE, and you must create two projects, one for cnss and another for assignment5. Probably, you will end with exactly the same directories strucuture as the one suggested above.

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