

# SEMOR User Manual

## Compiling

Commands sequence (assuming to be in the SEMOR folder):

1. make

## Execution

The first execution of SEMOR will terminate instantly. This execution just creates the default configuration file "*semor.conf*" in the *SEMOR* folder.

Before executing the software, lay the PID down in the initialization coordinates and wait until "End initialization" is printed out in the screen. After that you can wear the PID and you are ready to go.

Commands sequence (assuming to be in the SEMOR folder):

1. bin/semor

## Configuration file (semor.conf)

Do not put spaces inside values of the configuration. For example "tcpsvr://:8085" is okay, but "tcpsvr://: 8085" (notice the space before 8085) will result in a malformed input and SEMOR can't recognize it as an error (it will, wrongly, go on with the execution). In this case str2str will receive only "tcpsvr://:" and not the full "tcpsvr://:8085".

Description of some parameters:

- debug: when set to 1 SEMOR will get as input the data from files in */test* folder. The files' names are required to be *gps.pos*, *galileo.pos* and *imu.csv*.  
When set to 0, the values specified in configuration are used (str2str-in, str2str-out1-port, str2str-out2-port).
- logs: when set to 1, logs files containing coordinates will be written inside the */logs* folder.