Experimenting with H-AIM

Run the main function in class DesignatedLanesExpr
The arguments for the main function are:

NUMBER_OF_LANES(0),
VEHICLES_LANE_HOUR(1),
SEED_FOR_RANDOM(2),
T_INTERSECTION(3),
T_POLICY_H(4),
T_POLICY_AV(5),
H_RIGHT_ALLOWED(6),
H_STRAIGHT_ALLOWED(7),
H_LEFT_ALLOWED(8),
AV_RIGHT_ALLOWED(9),
AV_STRAIGHT_ALLOWED(10),
AV_LEFT_ALLOWED(11),
CC_RIGHT_ALLOWED(12),
CC_STRAIGHT_ALLOWED(13),
CC_LEFT_ALLOWED(14),
ACC_RIGHT_ALLOWED(15),
ACC_STRAIGHT_ALLOWED(16),
ACC_LEFT_ALLOWED(17),
RATIO_AV(18),
RATIO_CC(19),
RATIO_ACC(20),
RATIO_RIGHT(21),
RATIO_STRAIGHT(22),
OUT_FILE_NAME(23),
DROP_MESSAGE_PROB(24),
DROPPED_MESSAGE_TIME_TO_DETECT(25),
SCENARIO_INDEX(26),
MACHINE_NAME(27),
FREE_FLOW(28),
ONE_LANE_GREEN(29);

An example for a full call (within a set of experiments) can be found in the Run-xway.py script.
If no arguments are sent, then the visualization will be presented with default values that are set in the init function.
Most default values appear at the beginning of class DesignatedLanesExpr.
Try to play with these to start with and observe the changes that appear in the visualization.

In Run-xway.py there is a filed called MACHINE_NAME that is sent as a parameter to the simulator.
In DesignatedLanesExpr.java the output path is determined according to the machine. You can change the output path there.

In the same java file, the field MAXIMAL_TIME_TO_FUTURE_RESERVATION determines how much time in advance (seconds) a reservation may be accepted.