09:00

	V1	V2	V3
09:30	S1: small(111)		
10:00			
10:30			
11:00	S2: small(112)	S3: Medium (221)	
11:30			
12:00			

09:01:00

S4, BoxSize=**small**
timeselection:**09:30**,

Box Filtering stage:
V1,V2,V3

Time scheduling stage

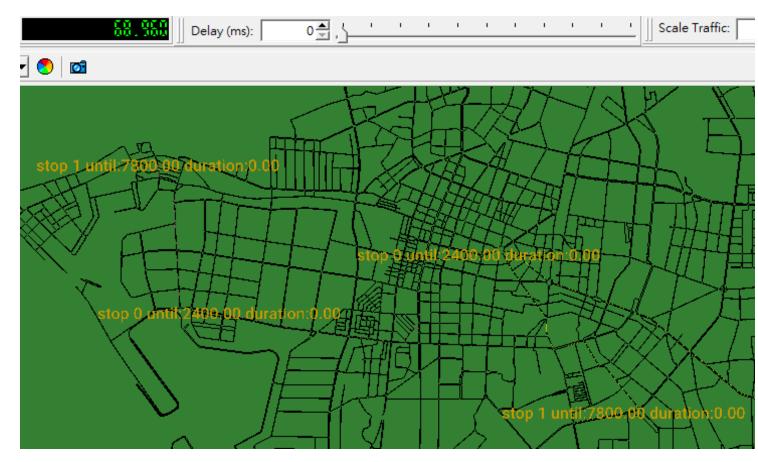|	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00			
10:30			
11:00	S2: small(112)	S3: Medium (221)	
11:30			
12:00			

2019-06-04(二)

Progress report

1. DEMO Simulation
2. SetStop error
3. Arrival stage of sender and receiver

09:01:00

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00			
10:30			
11:00	S2: small(112)	S3: Medium (221)	
11:30			
12:00			

stop 1 until:7800.00 duration:0.00

stop 0 until:2400.00 duration:0.00

stop 0 until:2400.00 duration:0.00

stop 1 until:7800.00 duration:0.00

09:01:00

	V1	V2	V3
09:30	S1: small(111)	**S4: Small (211)**	
10:00			
10:30			
11:00	S2: small(112)	S3: Medium (221)	
11:30			
12:00			

vehicle:2 Parameter

Name	Value	Dynamic
lane [id]	160526475#3_0	✗
position [m]	339.96	✓
lateral offset [m]	0.00	✓
speed [m/s]	4.99	✓
lateral speed [m/s]	0.00	✓
acceleration [m/s^2]	-0.06	✓
angle [degree]	7.32	✓
slope [degree]	0.00	✓
speed factor	1.01	✗
time gap on lane [s]	-1.00	✓
waiting time [s]	0.00	✓
ng time (accumulated, 100.00s) [s]	0.07	✓
time loss [s]	2.41	✓
impatience	0.00	✓
last lane change [s]	0.00	✓
desired depart [s]	0.00	✗
depart delay [s]	0.00	✗
remaining [#]	0	✗
stop info	next: lane:496493919#2_0 pos:150.00	✗
line		✗
CO2 [mg/s]	0.00	✓
CO [mg/s]	0.00	✓
HC [mg/s]	0.00	✓
NOx [mg/s]	0.00	✓
PMx [mg/s]	0.00	✓
fuel [ml/s]	0.00	✓
electricity [Wh/s]	0.00	✓
noise (Harmonoise) [dB]	69.38	✓
devices		✗
persons	0	✓
containers	0	✓
lcState right	unknown	✗
lcState left	unknown	✗
param:211	1	✗
param:212	0	✗
param:213	0	✗
param:221	0	✗
param:222	0	✗
param:223	0	✗
param:231	0	✗
param:232	0	✗
param:233	0	✗

09:01:00

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00			
10:30			
11:00	S2: small(112)	S3: Medium (221)	
11:30			
12:00			

09:03:00

S5,BoxSize=large, time-selection:11:00

Box Filtering stage
V1,V2,V3

Time scheduling stage

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00			
10:30			
11:00	S2: small(112)	S3: medium (221)	S5 Large (331)
11:30			
12:00			

09:03:00

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00			
10:30			
11:00	S2: small(112)	S3: medium (221)	S5 Large (331)
11:30			
12:00			

PMx [mg/s]	0.00	✓
fuel [ml/s]	0.00	✓
tricity [Wh/s]	0.00	✓
onoise) [dB]	69.40	✓
devices		✗
persons	0	✓
containers	0	✓
lcState right	unknown	✗
lcState left	unknown	✗
param:311	0	✗
param:312	0	✗
param:313	0	✗
param:321	0	✗
param:322	0	✗
param:323	0	✗
param:331	1	✗
param:332	0	✗
param:333	0	✗

map.sumo.cfg - SUMO 1.2.0

File   Edit   Settings   Locate   Simulation   Windows   Help

Time: 62.320

real world

stop 0 until:7800.00 duration:0.00

09:20:00

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00			
10:30			
11:00	S2: small(112)	S3: medium (221)	S5 Large (331)
11:30			
12:00			

At 09:20, the system would notify sender4 that the vehicle is coming!

At 09:30, the system would notify sender4 that the vehicle arrived to the destination and ask receiver4 to select the arrival-time.

Time scheduling stage for Receiver4

09:32:00

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00		Reciver4 (small) (211)	
10:30			
11:00	S2: small(112)	S3: medium (221)	S5 Large (331)
11:30			
12:00			

At 09:30, the system would notify sender4 that the vehicle arrived to the destination and ask receiver4 to select the arrival-time.

Time scheduling stage
Receiver4->10:00->success

09:50:00

	V1	V2	V3
09:30	S1: small(111)	S4: Small (211)	
10:00		Reciver4 (small) (211)	
10:30			
11:00	S2: small(112)	S3: medium (221)	S5 Large (331)
11:30			
12:00			

At 09:50, the system would notify reciver4 that the vehicle is coming.

At 10:00, the system would notify reciver4 that the vehicle arrived to the destination.

At 10:02, the system would unload the container of **receiver4** and empty the box of **211** in SUMO and CarBoxMap.

```
cars_Box:{
1={1=[111, 112], 2=[],
3=[]},

2={1=[211], 2=[221], 3=[]},

3={1=[], 2=[], 3=[331]}}
```

param:211	1
param:212	0
param:213	0
param:221	0
param:222	0
param:223	0
param:231	0
param:232	0
param:233	0