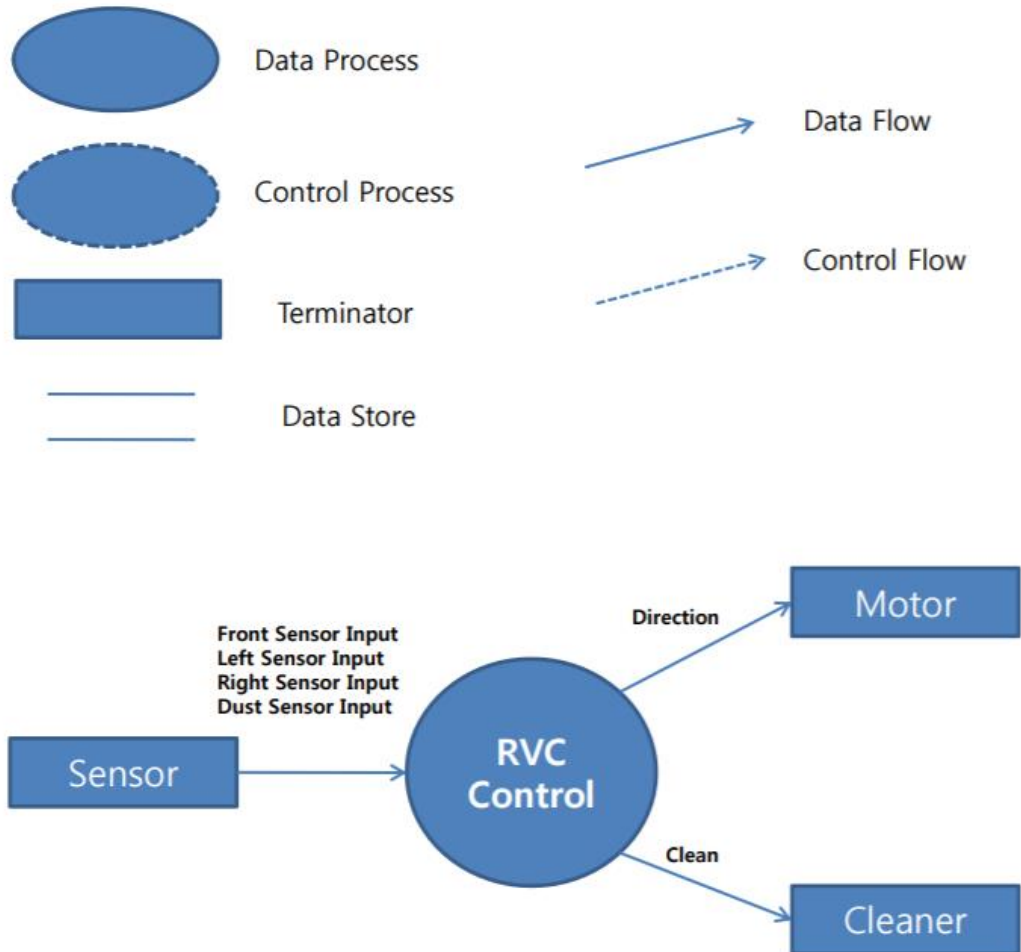


RVC *i*mprovement

201511293 전상우

Notation/ Simple Diagram/ Event List



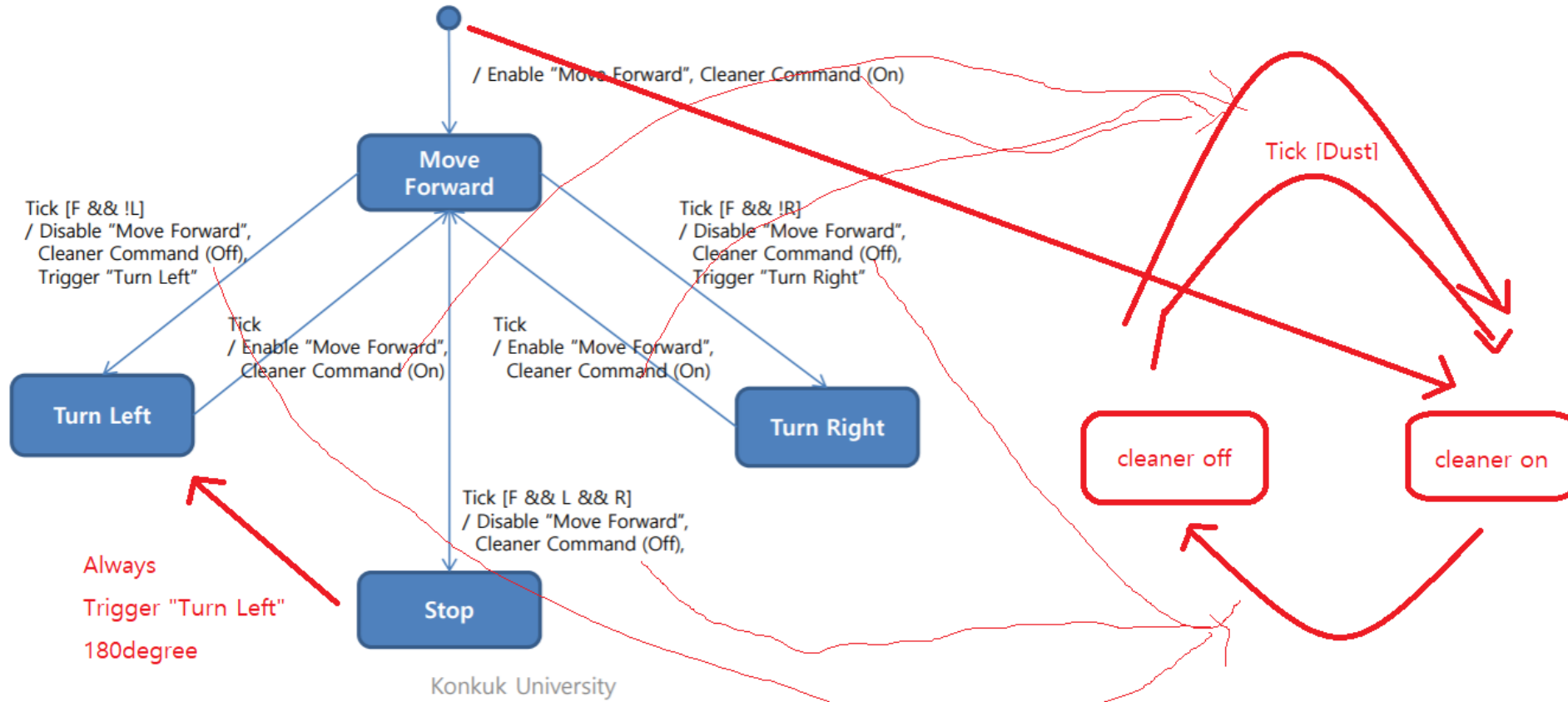
(A kind of) Data Dictionary

Input/ Output Event	Description	Format / Type
Front Sensor Input	Detects obstacles in front of the RVC	True / False , Interrupt
Left Sensor Input	Detects obstacles in the left side of the RVC periodically	True / False , Periodic
Right Sensor Input	Detects obstacles in the right side of the RVC periodically	True / False , Periodic
Dust Sensor Input	Detects dust on the floor periodically	True / False , Periodic
Direction	Direction commands to the motor (go forward / turn left with an angle / turn right with an angle)	Forward / Left / Right / Stop
Clean	Turn off / Turn on / Power-Up	On / Off / Up

Problems/Improvements

- After stop? -> Go back(180 turn around)
 - 180도 회전후 왔던길 되돌아가기
- What does Dust sensor do? -> Make it useful
 - Cleaner command(off) 상황이어도 먼지가 존재한다면 on으로 해준다. (이미 청소를 했지만 먼지는 움직이고 남아있는 상황이 있을 수 있기때문)

Improvement



More..

- 왔던길 기억 (중복 청소 방지)
- 회전각도 조절