

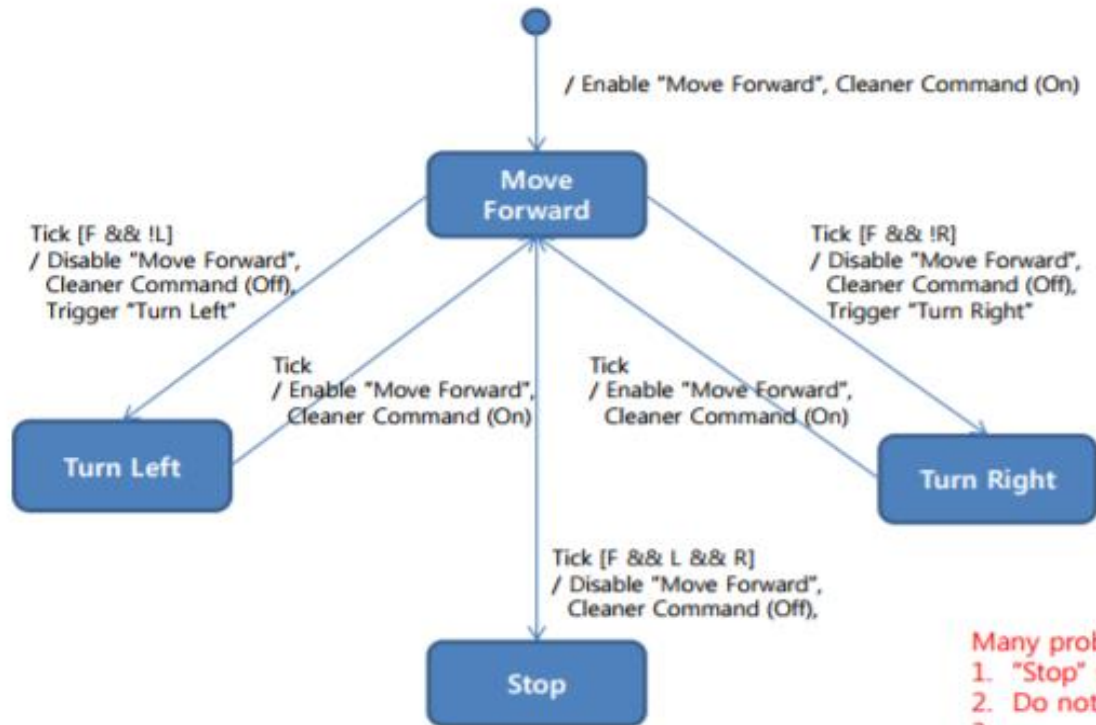
# Data Flow Diagram

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# Problem

## DFD Level 4 – RVC Example

State Transition Diagram for Controller 2.1.1

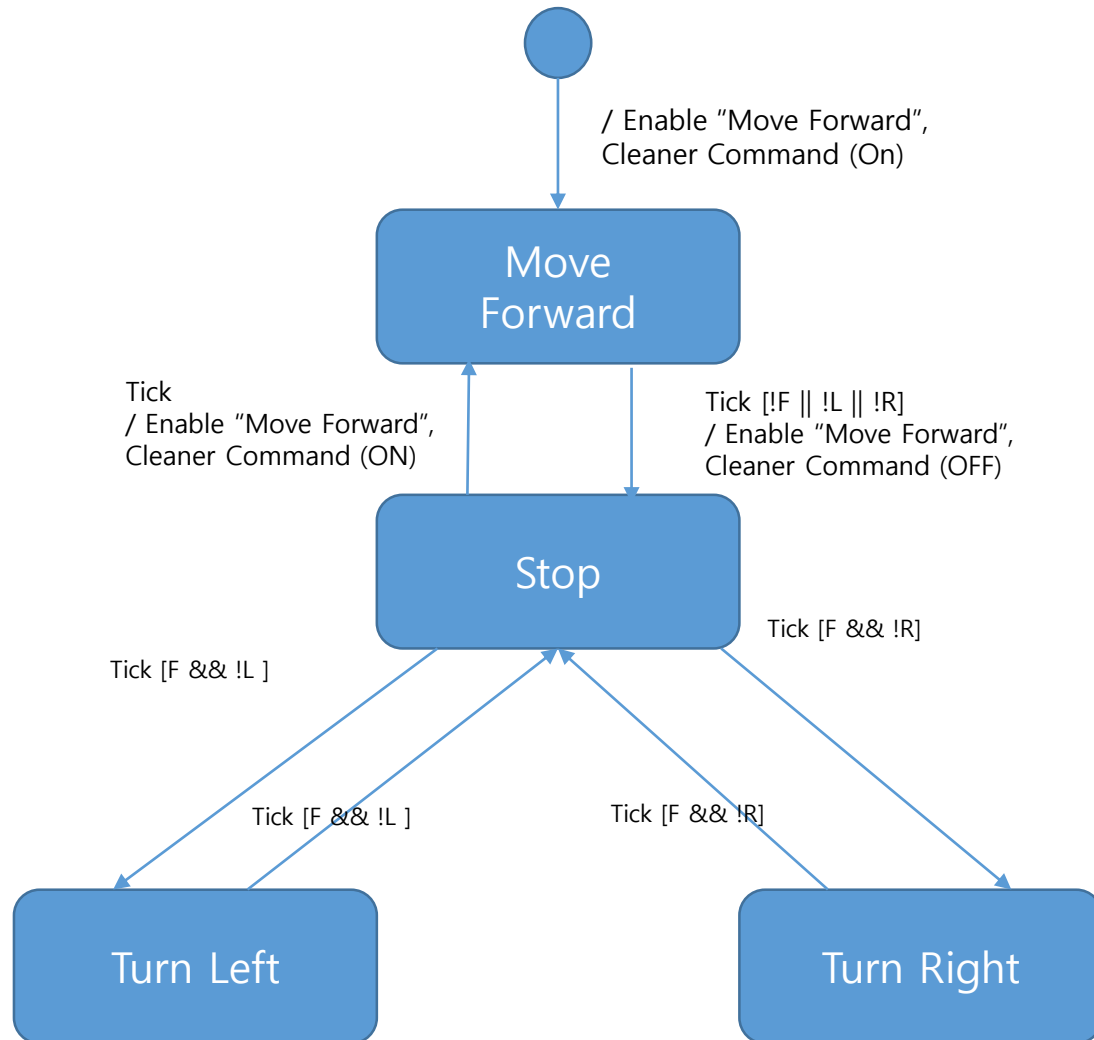


1. Stop State
2. DO not consider "Dust"

Many problems in this model:

1. "Stop" state
2. Do not consider "Dust"
3. ...

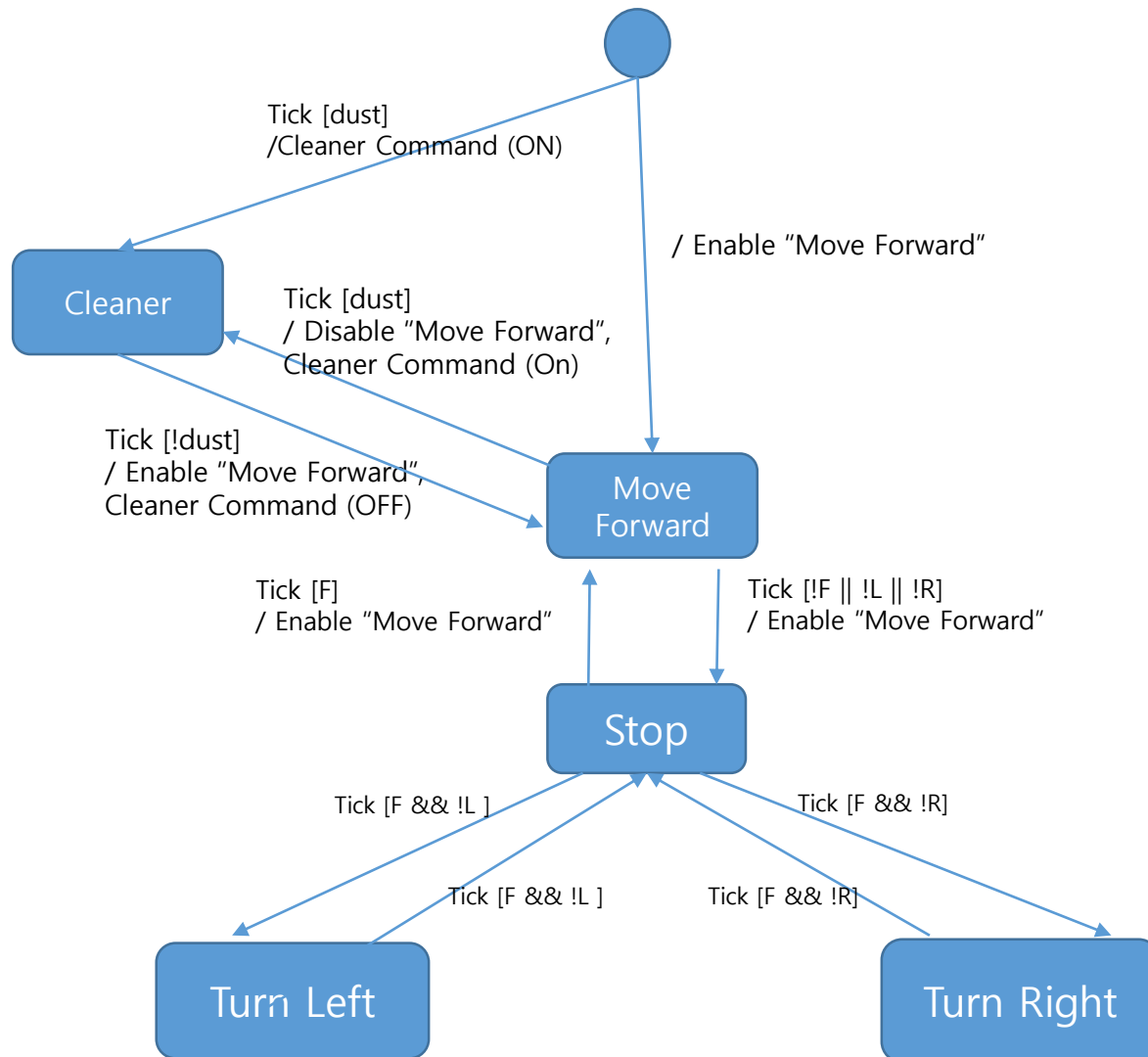
# I think Solution is...



**After Changing DFD, We can make DFD map be more easy to read and remove unneeded action.**

**Because RVC is must stop to make decision to consider moving direction.**

# I think Solution is...



**And Before Move Forward, RVC is must check whether exist dust here.**

**If exist dust, RVC must execute Cleaner Command before moving.**

**After cleaning, execute move command.**