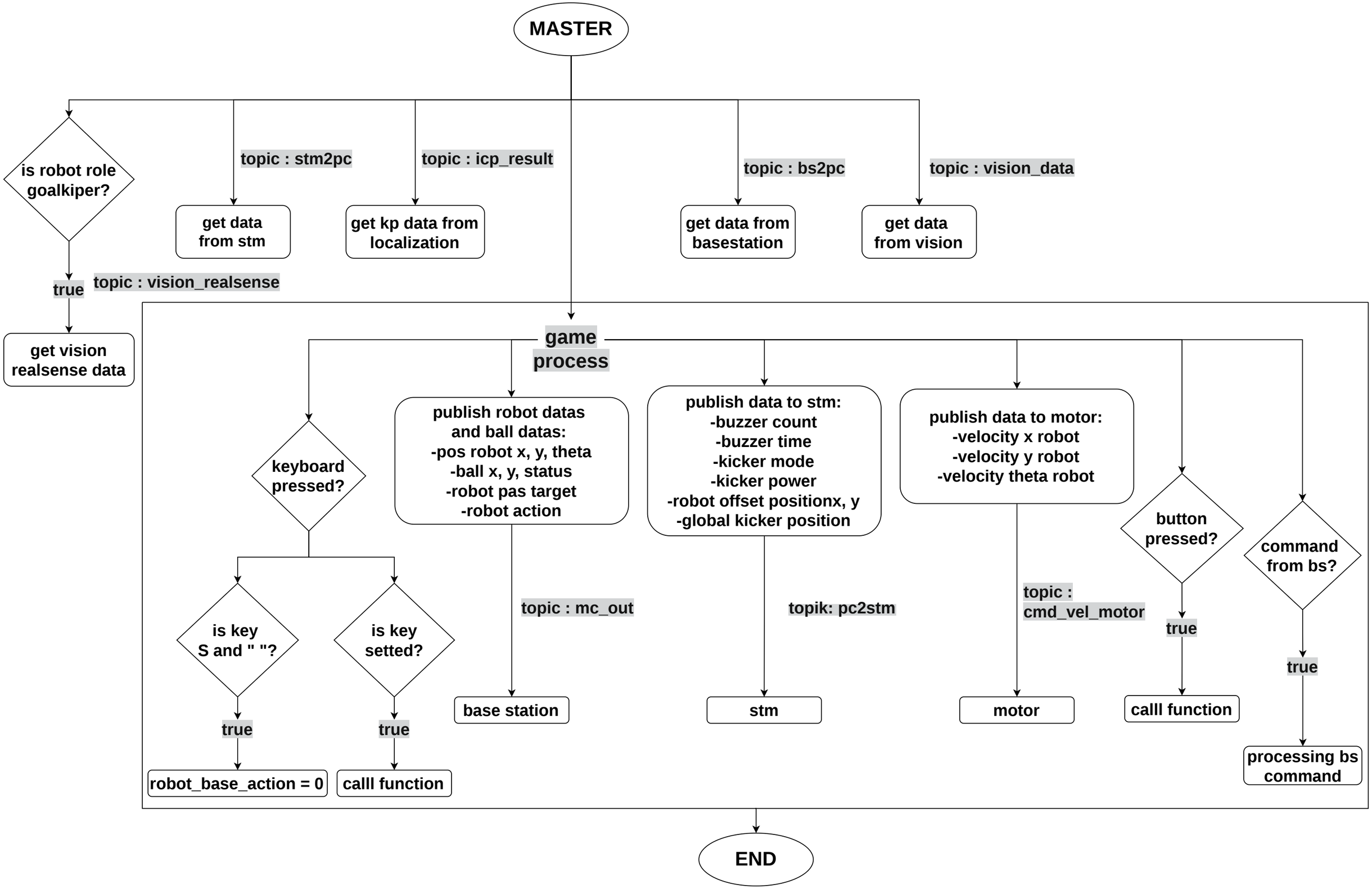
MASTER
is robot role goalkiper?
true
topic : vision_realsense
get vision realsense data
topic : stm2pc
get data from stm
topic : icp_result
get kp data from localization
topic : bs2pc
get data from basestation
topic : vision_data
get data from vision
game process
keyboard pressed?
is key S and " "?
true
robot_base_action = 0
is key setted?
true
calll function
publish robot datas and ball datas:
-pos robot x, y, theta
-ball x, y, status
-robot pas target
-robot action
topic : mc_out
base station
publish data to stm:
-buzzer count
-buzzer time
-kicker mode
-kicker power
-robot offset positionx, y
-global kicker position
topik: pc2stm
stm
publish data to motor:
-velocity x robot
-velocity y robot
-velocity theta robot
topic : cmd_vel_motor
motor
button pressed?
true
calll function
command from bs?
true
processing bs command
END