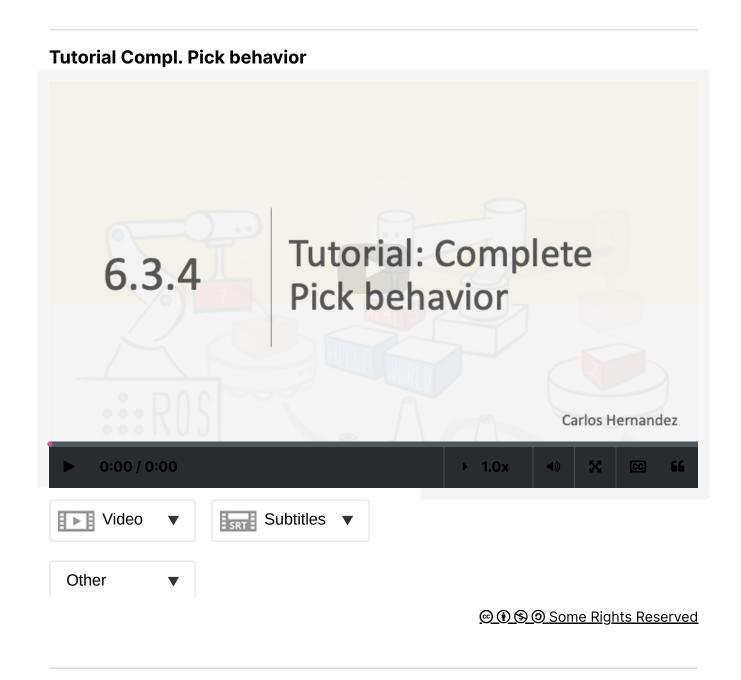
In this video is a tutorial on how to set up a FlexBE behavior. It will show you the steps required and give you some tips on what to think of when configuring a FlexBE behavior.

Important Note:

If you want to reproduce the behavior of the video, screenshots of the required configuration are provided after the summary.



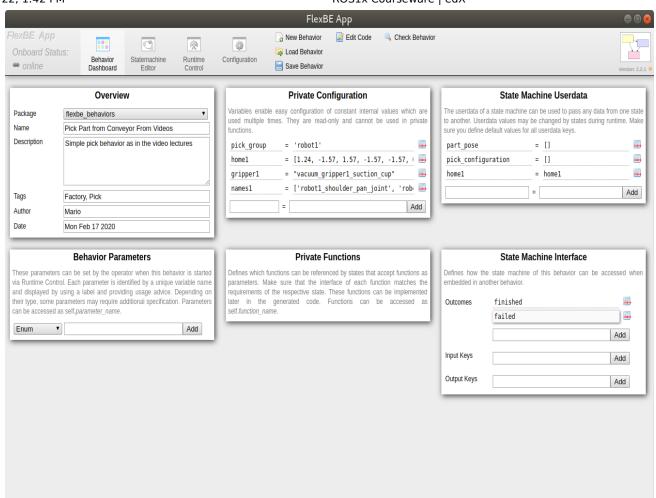
In this video you were shown how to configure a complete FlexBE behavior, by entering the values for all state parameters and input and output keys.

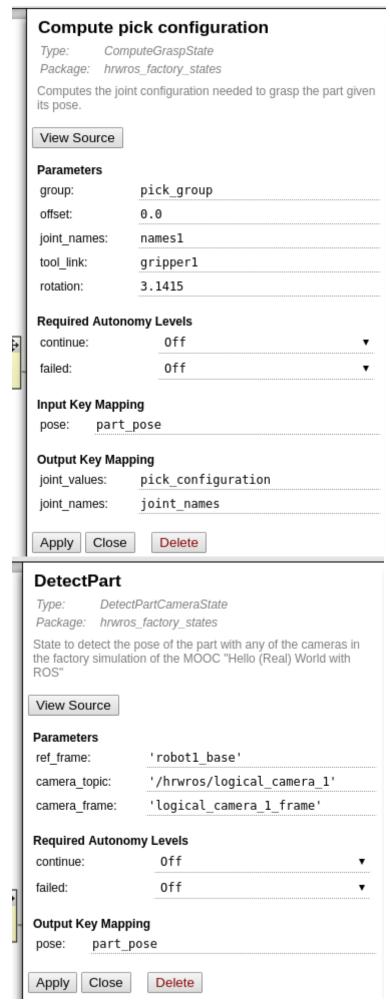
- Don't forget to use quotation marks when entering literal string values.
- Don't forget to hit the Apply button when your done configuring a state.
- When stumbling across undetermined output keys, you can do the following: hover over the name of the output key. This will show you what data type the output key expects. Next, you create a new user data variable with that data type.
- Sometimes it might seem that configuring the states of your behavior in FlexBE takes a lot of clicking. Often using the same variables. But think of how much work all this would be coding this in your own nodes or scripts, passing values trough functions and assigning them to variables. This would also be more prone to errors.
- State parameters (or input and output keys) can have the same or similar names the value you need to enter for another state parameter, but they are two different things. By coincidence names might be the same or similar.
- Don't forget to save the changes you made to your behavior!

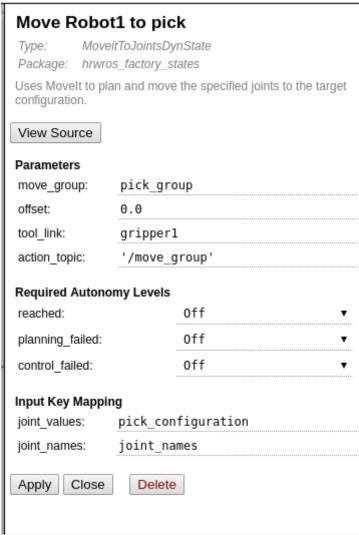
In the next video you will learn how to execute the FlexBE behavior we just created.

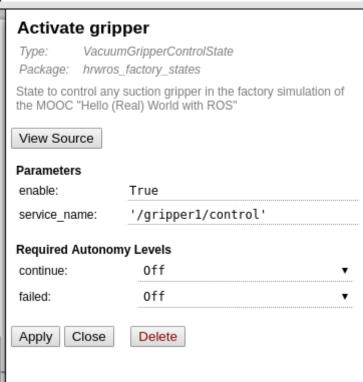
Here you will find the Behavior Dashboard, as well as the configuration for each state, so you can reproduce the same behavior as in the video.

Behavior Dashboard









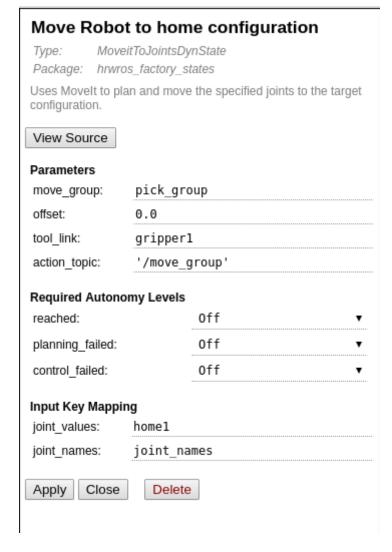


Figure A for Question 1

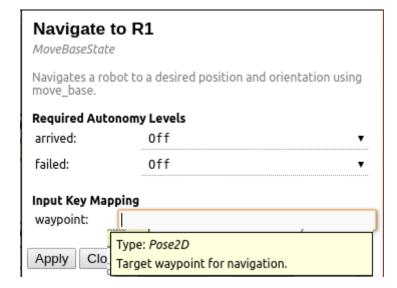
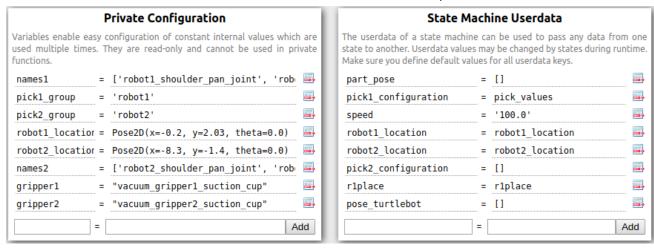


Figure B for Question 1



6.3.4 Question 1

1 point possible (ungraded)

What value should we set for the input key "waypoint" in Figure A (below), if this state should make the turtle navigate to the location of robot1, and considering the configuration of variables for the behavior in Figure B?

orobot1_location
<u>'100.0'</u>
opose_turtlebot
orobot2_location

Submit