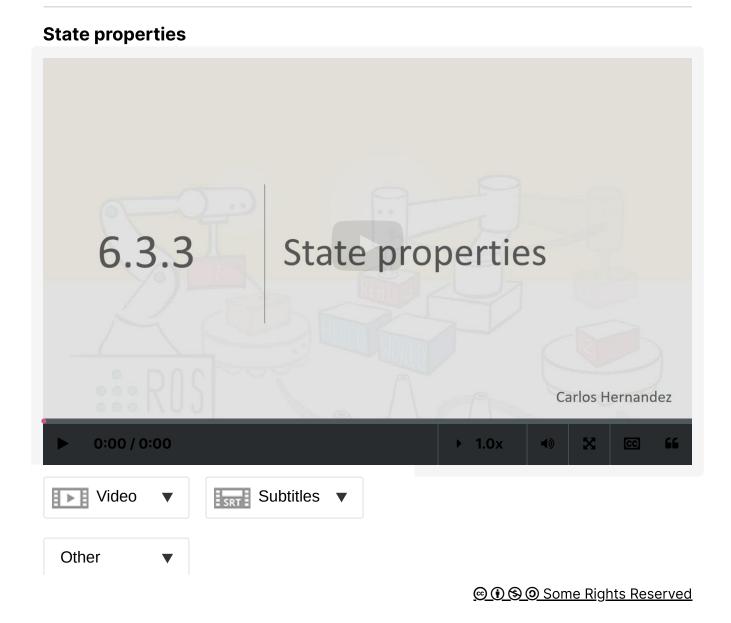
In this lecture, you will understand better what a FlexBE state is and what properties it has to interface with the behavior.



Remember

- State encapsulates a single action
- Topics, services and Ros actions provide capabilities

A FlexBE state:

• Represents a specific action

State properties:

- Parameters
 - configure static properties
 - you can give it any value corresponding to a valid ROS type
 - use a behaviour variable
- Input & output keys
 - input key requires data
 - · output keys produces data
 - dynamic: can take a different value every state activation
 - values are behaviour userdata variables
- Outcomes
 - possible outcomes
 - possible transitions
 - possible execution flows

Below you will find two figures, figure A and figure B, which will be used for this lecture's question.

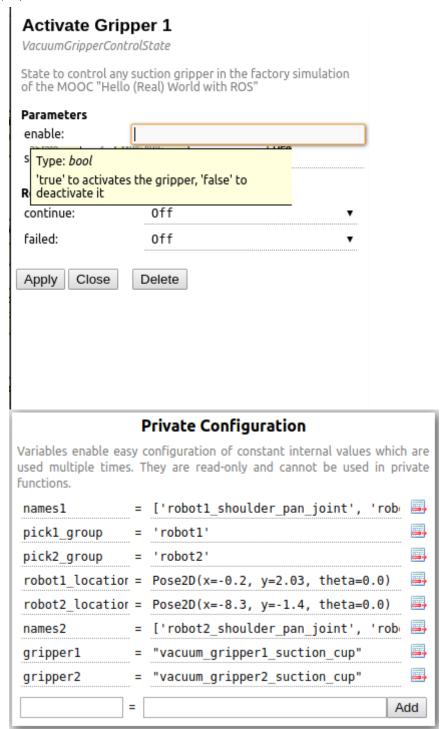


Figure A: Parameter section in FlexBE configuration

Figure B: Behavior

Multiple Choice with Hints and Feedback

1 point possible (ungraded) Please refer to Figures A and B above.

What value should we set for the parameter enable in the figure A, if this state should activate the gripper of robot 1, considering the constant values Submit

defined in the configuration section for this behavior shown in Figure B? Remember that quotation marks are only needed for a literal value of the string type, as a parameter value you can use any Python type.

| ○ True | | |
|----------------|--|--|
| gripper2' | | |
| <u>'100.0'</u> | | |
| | | |
| | | |