Building actions in ROS

# ROS ACTIONS PROJECT BRIEF

# ROS Actions Project Build

Scenario

- We have a robot that we want to travel to a certain point
- We want updates about how far away it is from the point
- We want feedback about how long it took to travel to the point ( By setting a threshold distance)

# What we want to Achieve – Build Actions

Actions are made of 3 Attributes: Where Service files have a request and response

Actions on the other hand have:

- A Goal – In this case, a Point
- Feedback – in this case the Distance to cover
- Result – Referring to the Duration of Travel

For More Information:

- Reference ROS Wiki @ https://wiki.ros.org/actionlib
- Reference ROS Python API @ https://docs.ros.org/noetic/api/actionlib/html/index.html