

Example of **moveTo** task definition

move compliantly { // *with task frame directions*

- \* X\_t: velocity motion profile, tolerance 0.01 m/s
  - \* Y\_t: position tube 0.03 m
  - \* Z\_t: position tube 0.03 m
  - \* aX\_t: }
  - \* aY\_t: } no specification / orientation tube 10 deg
  - \* aZ\_t: }
- } Objective (Error) function

- } until:

  - \* goal area reached, tolerance 0.03 m
  - \* F\_x/F\_y/F\_z > 0.5 N
  - \* time > 20 sec
- } Monitors (FSM)

