

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:

* aZ_t:

} no specification / orientation tube 10 deg

} 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)
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- Error Function (In Task Frame)
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- Example of **moveTo** task definition for path following
- move compliantly { // with task frame directions
- * X_t: velocity motion profile (path, time to complete), tolerance 0.01 m/s

* Y_t: position tube 0.03 m

* Z_t: position tube 0.03 m

* aX_t:

* aY_t:

* aZ_t:

} no specification / orientation tube 10 deg

} 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)

FSM For **moveTo** path following task