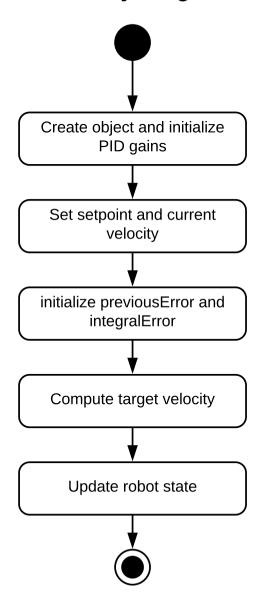
Activity Diagram



Class Diagram

PID

- -dt:const double = 0.01
- -kp:double
- -ki:double
- -kd:double
- -prevError:double
- -integralError:double
- +PID():void
- +PID(kp:double,ki:double,kd:double):void
- +compute(setPoint:double,currentVel:double):double
- +setParameters(kp:double,ki:double,kd:double):void
- +getKp():double
- +getKi():double
- +getKd():double