

RobotBase → IterativeRobot → TimedRobot Class
RobotX Extended Class

Subsystems

Commands

Buttons

Autonomous Period

- Grabber
- Lifter
- DriveTrain

- Pneumatics
- EnableCompr()
- DisableCompr()
- ForwardSolenoid()
- ReverseSolenoid()
- DisableSolenoid()
- getPressure()
- getCurrent()
- isDisabled()
- reset()

- retract()
- extend()
- cmdGroup()

1, 2, 3, ,N

Command Class

- run()
- execute thru
- isFinished
- Done

AutonomousCmd

- initialize()
- execute()
- Do stuff
- isFinished()
- end()
- Interrupt()
- cancel()

AutonomInit()

- Instantiate
- AutonomousCmd
- start()
- kill()
- teleop.start()