

RobotBase → IterativeRobot → TimedRobot Class
RobotX Extended Class

Subsystems

Commands

Buttons

Autonomous Period

- Grabber
- Lifter
- Shooter

- pivot()
- move()

1, 2, 3, ,N

cmdGroup()

Command Class

- run()
- execute thru
- isFinished
- Done

AutonomousCmd

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

AutonomInit()

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

Mecanum Wheels

- TurnAtAngle()
- MoveAtAngle()
- getHeading()
- getDistance()
- stop()
- reset()