

Roboter Beispiel

```
public void RobotEndpointExample() throws InstantiationException, IllegalAccessException, IOException {
    RobotEndpoint robotEnd = new RobotEndpoint();
    robotEnd.open(9999);

    robotEnd.addOnConnectionIncommingListener(new IConnectionIncommingEventHandler() {

        @Override
        public void OnNewConnection(Socket sock) {
            System.out.println("Controller has connected: " + sock.getRemoteSocketAddress().toString());
        }
    });

    robotEnd.addOnDisconnectListener(new IDisconnectedEventListener() {

        @Override
        public void OnDisconnect() {
            System.out.println("Controller has disconnected");
        }
    });

    robotEnd.addCommandListener(new ICommandReceiver() {

        @Override
        public void commandReceived(CommandBase cmd) {
            System.out.println("Command from controller received: " + cmd.getType().toString());
        }
    });

    IRobot robot = robotEnd.getRobotInterface();

    //Tell the controller that the reset was completed.
    robot.sendReturnReset();
}
```

Controller Beispiel

```
public void ControllerEndpointExample() throws InstantiationException, IllegalAccessException, IOException {
    ControllerEndpoint controllerEnd = new ControllerEndpoint();
    controllerEnd.connect(InetAddress.getByName("192.168.0.2"), 9999);

    controllerEnd.addOnDisconnectListener(new IDisconnectedEventListener() {

        @Override
        public void OnDisconnect() {
            System.out.println("Controller has disconnected");
        }
    });

    controllerEnd.addCommandListener(new ICommandReceiver() {

        @Override
        public void commandReceived(CommandBase cmd) {
            System.out.println("Command from controller received: " + cmd.getType().toString());
        }
    });

    IController controller = controllerEnd.getControllerInterface();

    //Reset the robot
    controller.sendReset();

    //Request the robot status
    controller.sendGetStatus();

    //Move the robot for 2 seconds(360° on both motors total)
    controller.sendMoveMotor(180, 180, 360, 360);
}
```