

# KBSW183502 Android-

SimpleControl , moveBy

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- - Android Studio 3.1.3
  - Slamware Android SDK: [slamware\\_sdk\\_android.2.6.0\\_rtm.20180820.tar.gz](#)
  - RoboStudio():[Robostudio installer](#)
  - Sample Code:

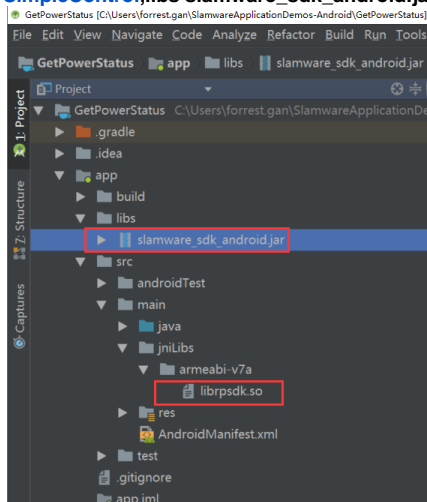


Android Studiobuild.gradleSlamware Android SDK 2.6.0 SDK slamware\_sdk\_android.jar [librpsdk.so](#)

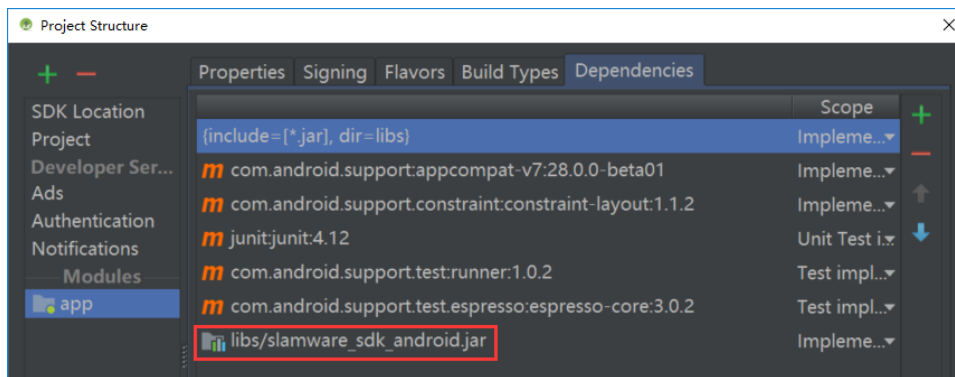
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- Slamware SDP mini
- Slamware SDP
- Slamware Slamware
- Zeus/Apollo

## 1. SimpleControl,libs slamware\_sdk\_android.jar jinLibs librpsdk.so SDK



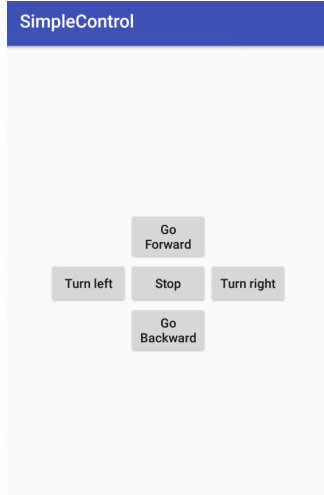
## 2. Project Structure --> app --> Dependencies Slamware SDK



3. "10.0.130.71"IP192.168.11.1WiFiStationPCEthenetAbstractSlamwarePlatform connect(String host, int port)hostIPport

```
/* */
AbstractSlamwarePlatform robotPlatform = DeviceManager.connect("10.0.130.71", 1445);
```

4. AndroidWiFiShift + F10 Android



SDK

5. Robostuio  
Your browser does not support the HTML5 video element

- moveBy(MoveDirection var1)var1

```

/* */
AbstractSlamwarePlatform robotPlatform = DeviceManager.connect("10.0.130.71", 1445);

/* */
public void onClick(View view) {
    try{
        switch (view.getId()) {

            case R.id.button_stop:
                if(moveAction != null) {
                    moveAction.cancel();
                }
                break;
            case R.id.button_forward:
                moveAction = robotPlatform.moveBy(MoveDirection.FORWARD);
                break;
            case R.id.button_backward:
                moveAction = robotPlatform.moveBy(MoveDirection.BACKWARD);
                break;
            case R.id.button_turn_left:
                moveAction = robotPlatform.moveBy(MoveDirection.TURN_LEFT);
                break;
            case R.id.button_turn_right:
                moveAction = robotPlatform.moveBy(MoveDirection.TURN_RIGHT);
                break;
            default:
                break;
        }
    } catch (RequestFailException e) {
        /* Exception Handle code*/
        ...
    }
}

```