

KBSW183508 Android-

VirtualTrackWithOA,

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1.

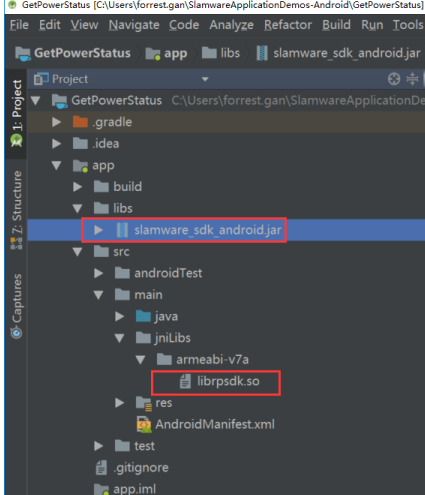
2.

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

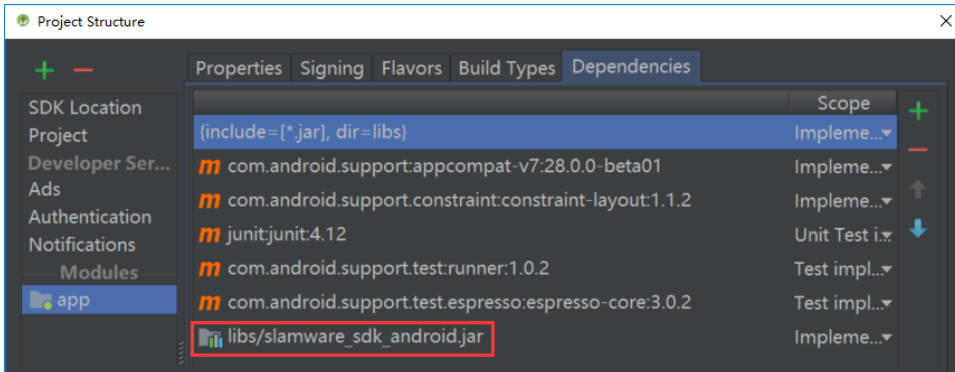
Android Studiobuild.gradleSlamware Android SDK 2.6.0 SDK slamware_sdk_android.jar [librpsdk.so](#)

- - Slamware SDP mini
 - Slamware SDP
 - Slamware Slamware
 - Zeus/Apollo
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1. **VirtualTrackWithOA,libs slamware_sdk_android.jar jniLibs 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. **AndroidWIFlshift + F10**

```
SDKAndroid
```

5. **Robostudio**
Your browser does not support the HTML5 video element

• **x6**

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

```
try {

    //draw a 6 meter virtual track
    Pose pose = robotPlatform.getPose();
    Line line = new Line(new PointF(pose.getX(), pose.getY()), new PointF(pose.getX()+6, pose.getY()));
    robotPlatform.addLine(ArtifactUsageVirtualTrack, line);

    IMoveAction action = robotPlatform.getCurrentAction();
    if (action != null)
        action.cancel();

    MoveOption moveOption = new MoveOption();
    moveOption.setTrackWithOA(true);
    moveOption.setKeyPoints(true);

    action = robotPlatform.moveTo(new Location(7, 0, 0), moveOption, 0);

    action.waitUntilDone();
    if (action.getStatus() == ERROR)
        Log.d(TAG, "Action Failed");

} catch (ConnectionTimeoutException e) {
    /* Exception Handle code*/
    ....
}
```