

# KBSW183504 Android-/

[RotationAction](#) , rotaterotateTo

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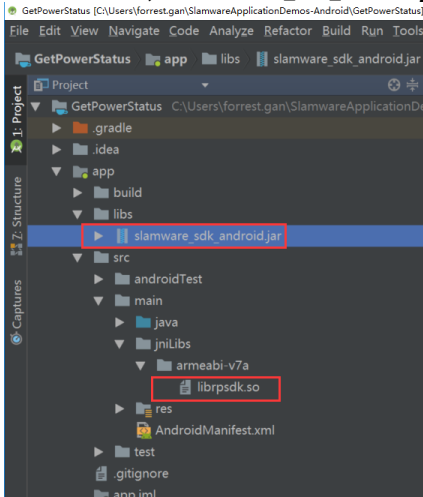
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- Android Studio 3.1.3
- Slamware Android SDK: [slamware\\_sdk\\_android.2.6.0\\_rtm.20180820.tar.gz](#)
- RoboStudio():[Robostudio installer](#)
- Sample Code:

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

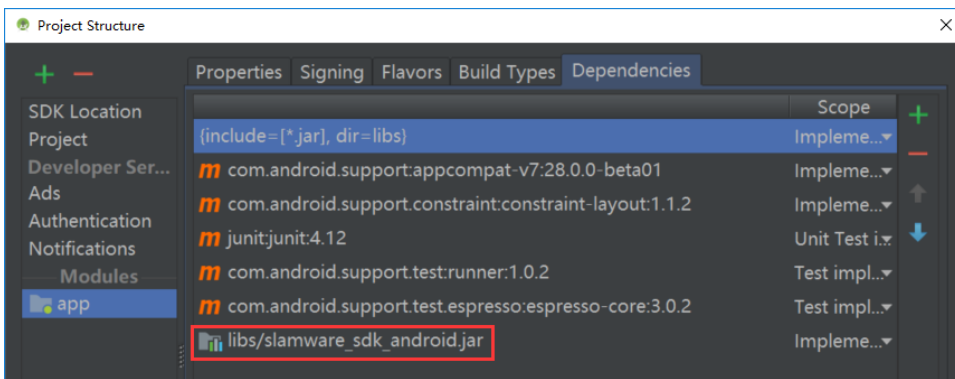
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- Slamware SDP mini
- Slamware SDP
- Slamware Slamware
- Zeus/Apollo

## 1. [RotationAction](#),libs slamware\_sdk\_android.jar jinLibs [librpsdk.so](#) SDK



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



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

```

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

```

4. AndroidWiFiShift + F10 Android



```

SDK

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

- Android180180yaw270

```

RotationyawsetPI

```

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

private float setPI(int i) {
    return (float)(i*Math.PI/180);
}

@Override
public void onClick(View view) {

    try {
        /* */
        if(action != null) {
            action.cancel();
        }

        switch (view.getId()) {
            /* Anticlockwise Rotate 180 */
            case R.id.button_anticlockwise:
                action = robotPlatform.rotate(new Rotation(setPI(-180), 0, 0));
                Log.d(TAG, "");
                break;

            /* Clockwise Rotate 180 */
            case R.id.button_clockwise:
                action = robotPlatform.rotate(new Rotation(setPI(180), 0, 0));
                break;

            /* Rotate to 270 */
            case R.id.button_rotate_to:
                action = robotPlatform.rotateTo(new Rotation(setPI(270), 0, 0));
                break;

            default:
                break;
        }
    } catch (ConnectionFailException e) {
        /* Exception Handle code*/
        ...
    }
}
```