

KBSW183504 Android-/

[RotationAction](#) , [rotaterotateTo](#)

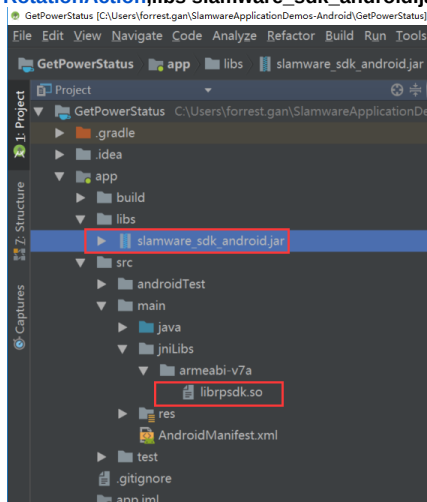
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- - Android Studio 3.1.3
 - Slamware Android SDK: [slamware_sdk_android.2.6.0_rtm.20180820.tar.gz](#)
 - RoboStudio():[Robostudio installer](#)
 - Sample Code:

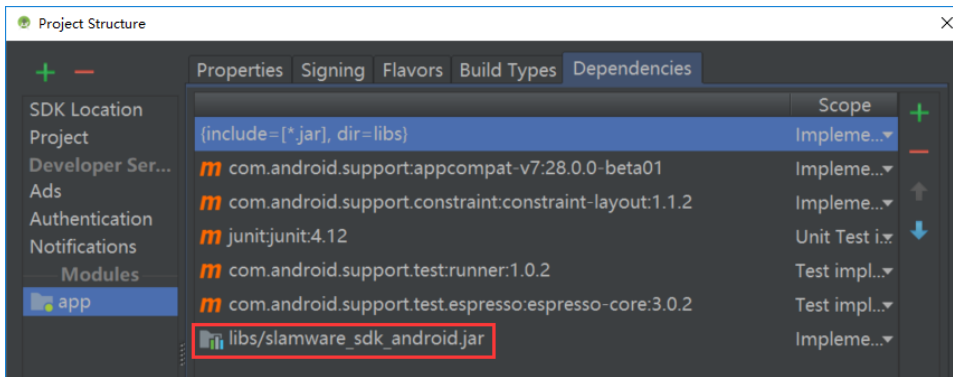
 Android Studiobuild.gradleSlamware Android SDK 2.6.0 SDK slamware_sdk_android.jar [librpsdk.so](#)

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

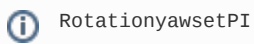
```
/* */
AbstractSlamwarePlatform robotPlatform = DeviceManager.connect("10.0.130.71", 1445);
```

4. AndroidWiFiShift + F10 Android



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

- Android180180yaw270



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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*/
        ...
    }
}
```