Android KeyGuard Service

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Tuesday, December 23, 2014

# Overview

Android KeyGuard doesn't provide any type of service callback to determine if the KeyGuard is in use. You need to physically check the KeyGuard. Bottom line is you need to poll the device to determine if it's in use. For this example I use a background service to poll the device every 30 seconds.

Testing was completed on API 21 since that's the only device I have to test with.

# Installation

Install the apk using Eclipse ADT or adb command line. Once the apk is installed a screen will display the message "Android KeyGuard Service has been installed, please reboot!". Reboot the device. Once it's rebooted the service will run in the background.

All activity will be appear in the LogCat under com.mycompany.androidkeyguard.

# Testing

Once the device has been rebooted, lock and unlock the Android KeyGuard. If the KeyGuard is not in use you will see a "KeyGuard not in use" message, if it is in use you should see a "KeyGuard in use" message.

# Uninstall

Using Android Settings/Apps/Android KeyGuard Service, uninstall the apk. Reboot the device.