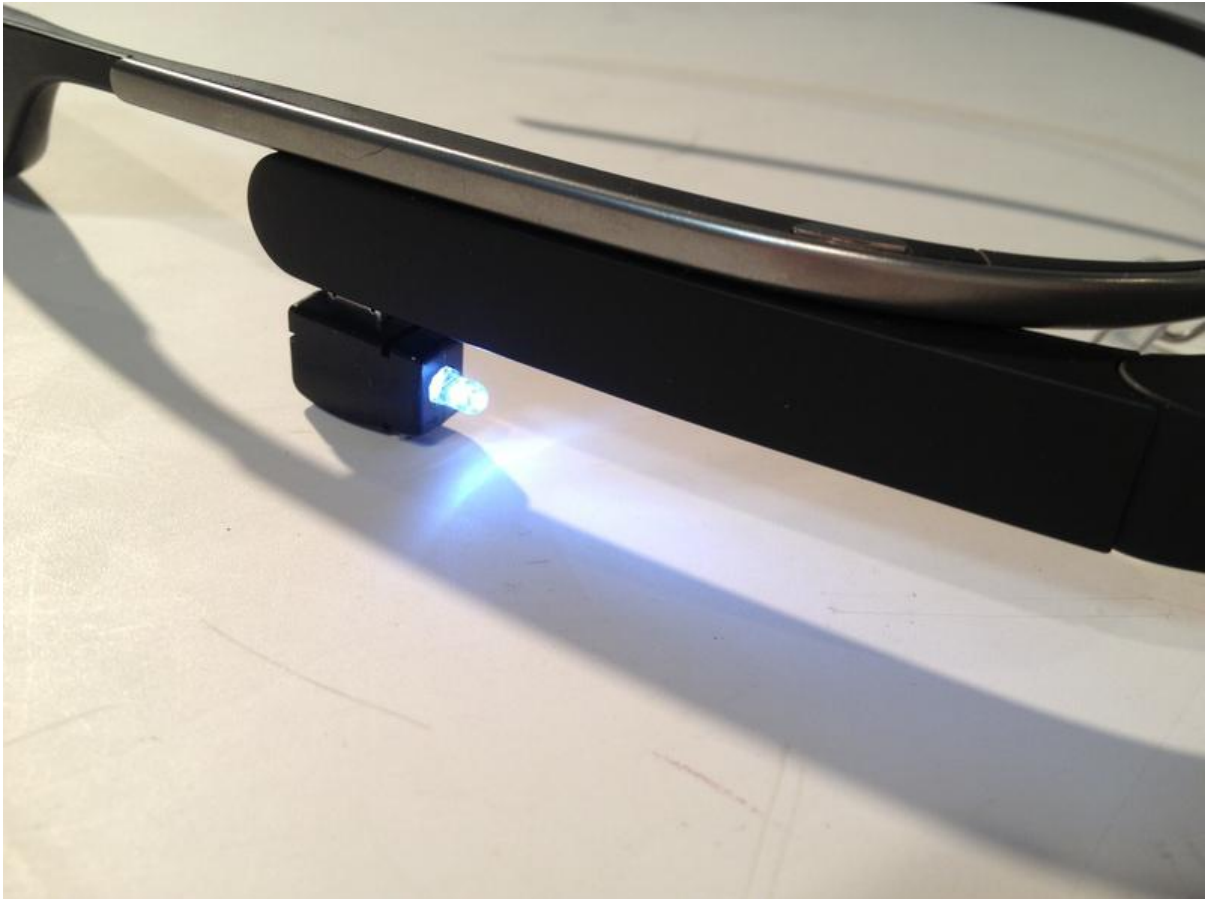




How to use Google Glass flashlight

Created by Deqing Sun



<https://learn.adafruit.com/how-to-use-google-glass-flashlight>

Last updated on 2022-12-01 02:10:33 PM EST

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Introduction

This is a small flashlight accessory for Google Glass. It can be plugged into the USB port of Google Glass and stay there. Then you can use your voice command to control this little gadget to give some extra light in dark environment.



This tutorial is prepared for XE16 version of Google Glass. Since Google Glass is still in beta and everything is changing, please come back and check updates when a new version of system is released.



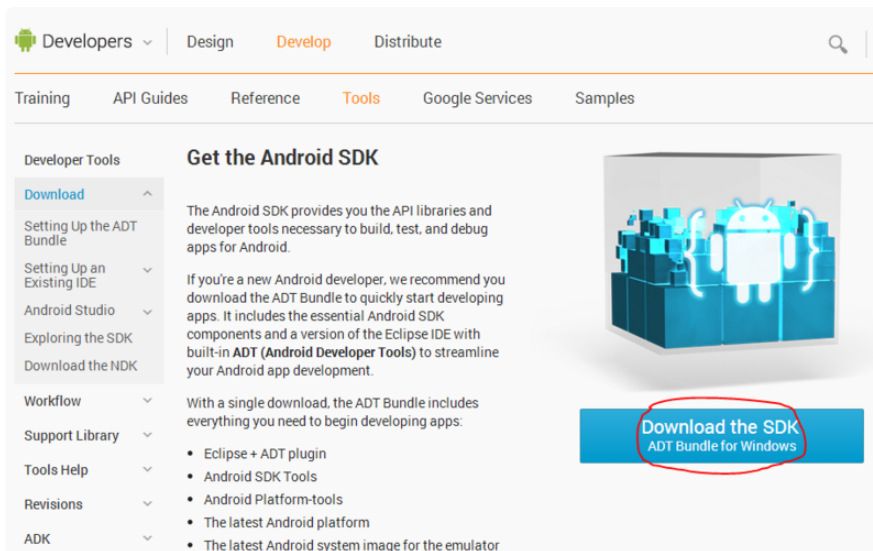
[Get it on Glass \(\)](#)

Sideload app with ADB (Deprecated)

This method is deprecated and no longer maintained. Please install Glassware though Myglass Page. This page is for reference only.

1. First of all you need to download Android SDK, which contains ADB tool

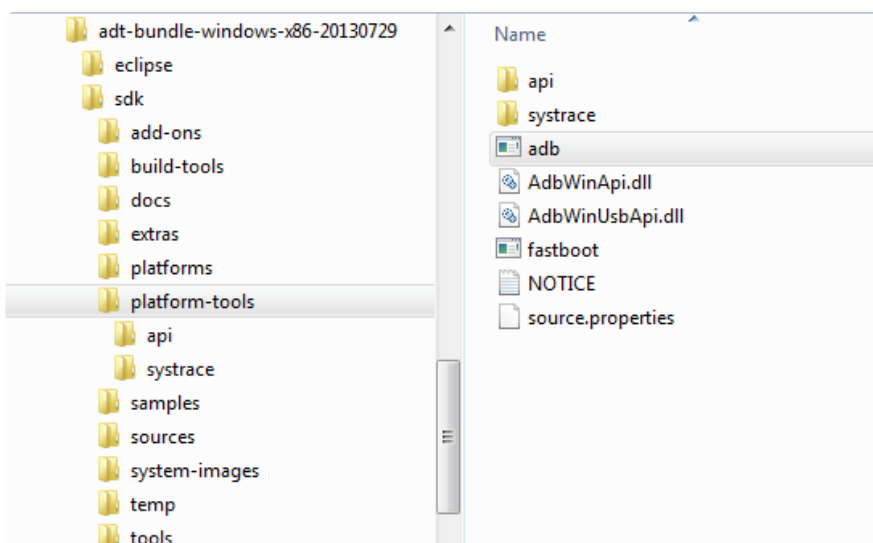
<http://developer.android.com/sdk/index.html> ()



And turn on debug on Glass



You should find adb tool in sdk/platform-tools folder.



Then you can open cmd (Terminal in other OS) to run that tool and see if your Glass is visible. (adb devices) If you don't see your device, you may need to refer to <http://>

stackoverflow.com/questions/16928983/google-glass-ADB-devices-doesnt-find-omap4430-driver-not... () to install driver.

```
C:\Windows\system32\cmd.exe
D:\>cd D:\software\extracted\adt-bundle-windows-x86-20130729\sdk\platform-tools
D:\software\extracted\adt-bundle-windows-x86-20130729\sdk\platform-tools>adb devices
List of devices attached
015DA6FC1100C019    device
D:\software\extracted\adt-bundle-windows-x86-20130729\sdk\platform-tools>
```

Download app: https://github.com/DeqingSun/USB_flashlight_Glass/raw/master/apk_generated/XE16/USB_flashlight_Glass... ()

And install it (adb install path_of_apk_file)

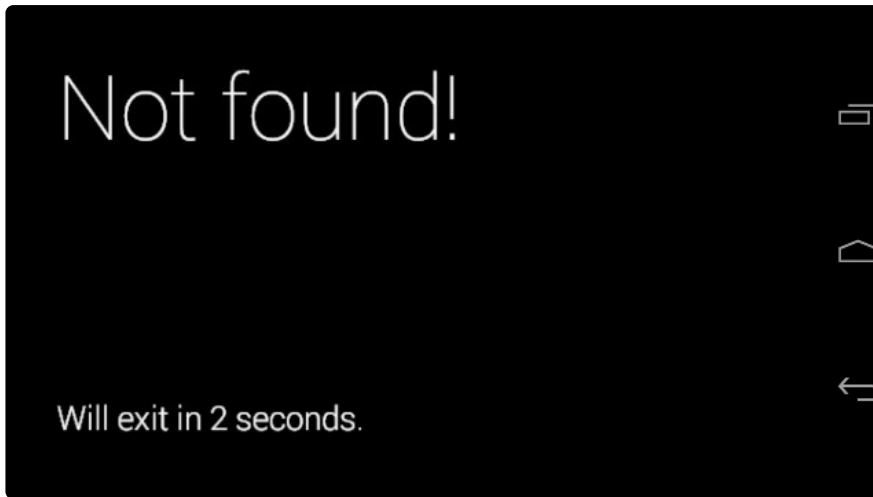
```
D:\software\extracted\adt-bundle-windows-x86-20130729\sdk\platform-tools>adb install D:\USB_flashlight_Glass.apk
2084 KB/s (245523 bytes in 0.115s)
pkg: /data/local/tmp/USB_flashlight_Glass.apk
Success
D:\software\extracted\adt-bundle-windows-x86-20130729\sdk\platform-tools>
```

You should see the voice command when you say "ok,glass"

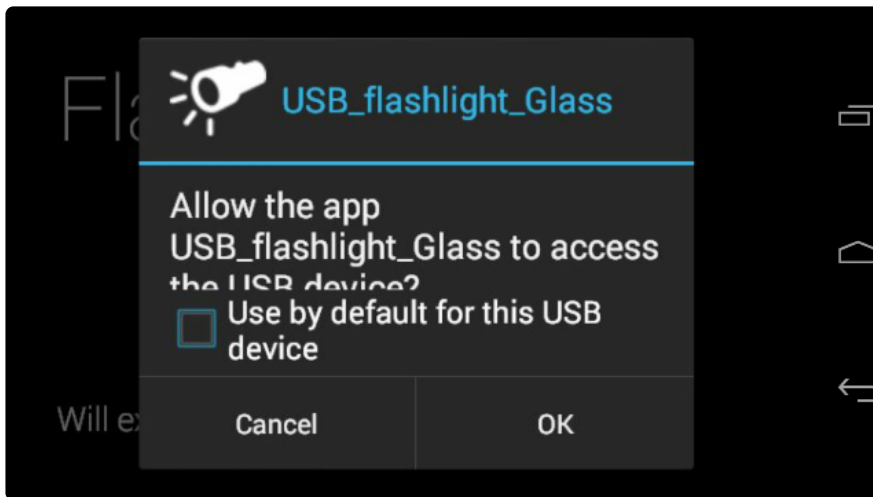


How to activate flashlight

If you say "toggle flashlight" without the flashlight attached, you will see.



But if you attach flashlight before launch this app you will see permission dialog box. You need to give this app permission to access USB. This dialog won't appear again if permission is granted.



When permission is granted you will see "Flashlight toggled" and flashlight will be on. You can simply say "ok glass, toggle flashlight" again to turn it off.

