

Application for Android devices  
**GIS Collector**

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# Following the steps

1. General technical description
2. Device preparation
3. APP Download
4. APP Install

# 1. General technical description

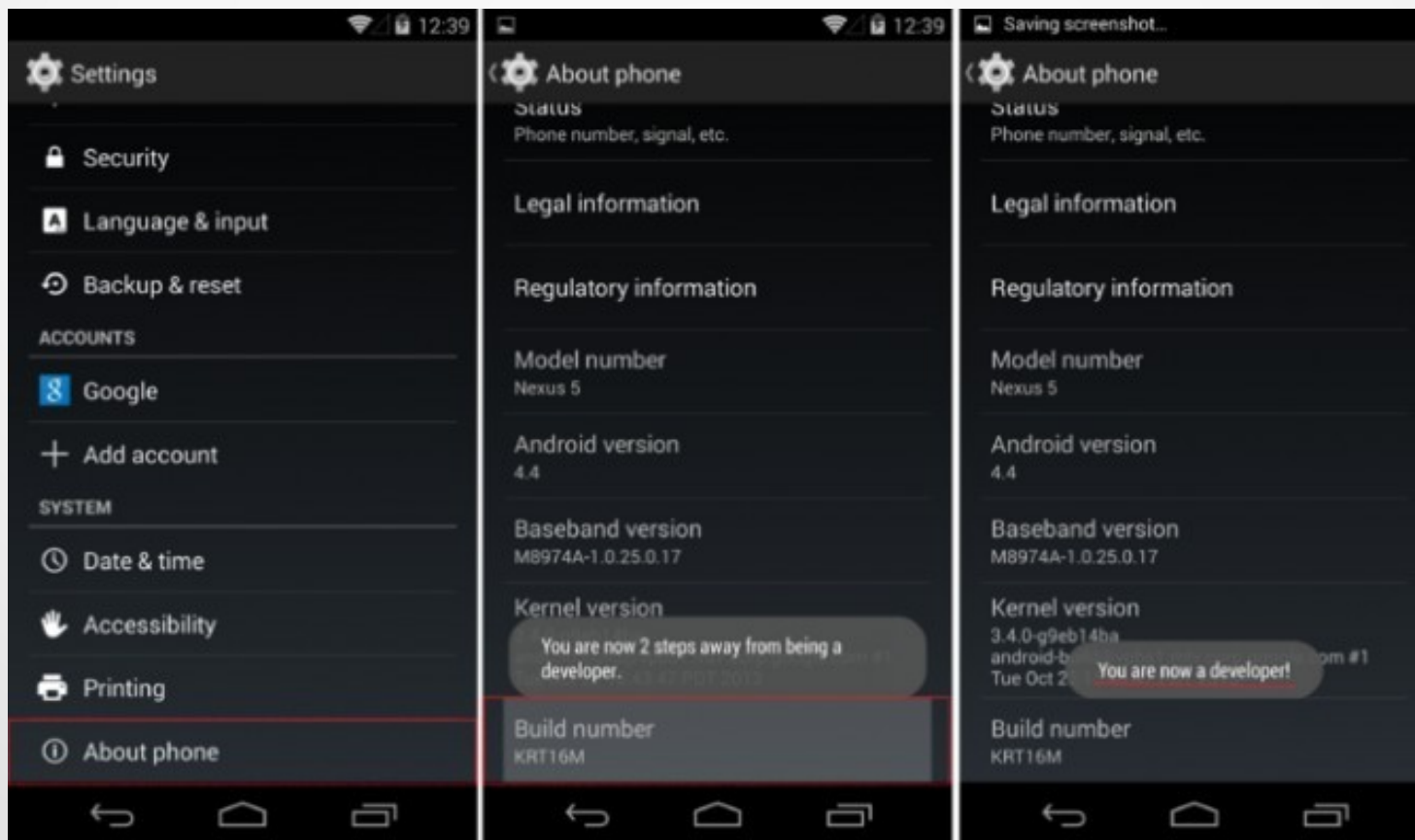
- We have to remember that this guide is only for Android devices.
- This APP works well on Android 4.0.0 and upper versions.
- Is mandatory have about 500 MB free storage to use the APP.
- Because the APP works well, APP have to grant permissions to Camera, Storage, GPS/location and Wi-Fi and 4G.
- The APP works «offline».

## 2. Device preparation

- To install this APP, we have to turn on the «developer mode» in our device
- To active the «developer mode» we have to follow the next steps:
  - Enter to «Settings» menu
    - Seek and click over:
      - «System» or «About device» or «information about telephone»
    - We have to look for «Build number»
      - We have to do all clicks as be necessary over the «build number» to active «developer mode»

## 2. Device preparation

- If we can't become «developer mode» we can look for on Google or Youtube:
  - «active developer mode on» + (your device's name)



# 3. APP Download

- When we become «mode developer» we have to access:  
<http://maps.garfei.com/mbolo-app>
- In this web we find the APP to download to your device.
- The download file is called «geogis-0.3-debug.apk»

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You can update or install the MBolo APP here, clicking on "Download APK"  
The current version is "0.3" updated on August 2019

APP:  
**Download APK**

Documents:  
**Installation guide**  
**User guide**

## 4. APP Install

- When the app is downloaded, we have to go to «Download» folder.
  - We can use some file manager app, for exemple the default file manager of your device.
- In «Download» folder we have to find «geogis-0.1-debug.apk» file.
- We have to click over the file and follow the steps to install the APP into our devices.
- Finally, we have to check if the app is installed correctly.
  - We can find the APP installed into our device menú. The APP is called «GIS Collector»

# 4. APP Install (Exemple)

The image illustrates the process of installing an application from a file manager. It consists of three sequential screenshots:

- Top Screenshot:** Shows the 'MY FILES' application interface. The 'Internal storage' folder is expanded, and the 'Download' folder is selected. A red box highlights the file 'geogis-0.1-debug.apk' in the 'Download' folder. A red arrow points to this file with the text 'Click over file'.
- Bottom-Left Screenshot:** Shows the 'GIS Collector' installation dialog. The dialog asks 'Do you want to install this application? It will get access to:' and lists permissions: 'take pictures and videos', 'access approximate location (network-based)', 'access precise location (GPS and network-based)', and 'modify or delete the contents of your SD card read the contents of your SD card'. The 'INSTALL' button is highlighted with a red box.
- Bottom-Right Screenshot:** Shows the home screen of a tablet. The 'GIS Collector' app icon is highlighted with a red box. A red arrow points from the 'INSTALL' button in the previous screenshot to this icon.