

# App Development on a Temi Robot

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temi Tutorials - How to use adb to install apps on temi

You need

- A Temi Robot with development access
- A laptop with ADB installed (<https://developer.android.com/tools/adb>)
- An APK to deploy

Optional:

- Android Studio installed for easy deployment/testing/debugging
- Temi Center access (**recommended**)

This is already a solid guide for connecting to Temi and (un)installing your own applications.

<https://github.com/robotemi/sdk/wiki/Installing-and-Uninstalling-temi-Applications>

## Steps

1. On the Temi robot go to settings -> development settings (last option) -> open ..... (unsure)
2. Open the remote ADB port by pressing the button on the Temi screen.
3. If you have Android Studio installed and running follow 3A, otherwise follow 3B.
  - a. In Android Studio select the Temi in the device list and click deploy.
  - b. On the laptop open a terminal and navigate to the folder with the APK to deploy  
Connect to the Temi robot using the command: adb connect XXXXX (XXX is the IP of the Temi that is shown on the screen of the Temi)  
Execute: adb install XXX (xxx is the name of the APK file)
4. Close the remote ADB port by pressing the button on the Temi screen.
5. If you have Temi center installed follow 5A otherwise use 5B
  - a. In Temi Center switch to the home screen with several buttons if you have not done this already. (note: add better instructions).  
Add a button to the home screen via the add action button.  
Set the action of the button to launch your app.  
Return to the home screen and click your button.
  - b. (NOTE: We had the problem that this method does not always work.)  
Open up the settings of your Temi and change the home screen behavior.  
Change the default start app to your just deployed app.  
Return to the home screen.