

Termux:API

From Termux Wiki

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This addon exposes device functionality as API to command line programs in Termux [🔗](#).

Installation

Download add-on from F-Droid [🔗](#).

Important: Do not mix installations of Termux and Addons between Google Play and F-Droid. They are presented at these portals for your convenience. There are compatibility issues when mixing installations from these Internet portals. This is because each download website uses a specific key for keysigning Termux and Addons.


Installing termux-api package

In Google Play Store, besides installing the Termux app, also install "Termux:API" app. This solves the hanging issue described below on Android 7.

To use Termux:API you also need to install the **termux-api** [🔗](#) package.

```
pkg install termux-api
```

Settings

On Android 7 you have to "protect" Termux:API by going into the settings / protected apps menu otherwise calls to the API like termux-battery-status will hang forever. See [issue 334](#) .

Current API implementations

termux-battery-status

Get the status of the device battery.

termux-brightness

Set the screen brightness between 0 and 255.

termux-call-log

List call log history.

termux-camera-info

Get information about device camera(s).

termux-camera-photo

Take a photo and save it to a file in JPEG format.

termux-clipboard-get

Get the system clipboard text.

termux-clipboard-set

Set the system clipboard text.

termux-contact-list

List all contacts.

termux-dialog

Show a text entry dialog.

termux-download

Download a resource using the system download manager.

termux-fingerprint

Use fingerprint sensor on device to check for authentication.

termux-infrared-frequencies

Query the infrared transmitter's supported carrier frequencies.

termux-infrared-transmit

Transmit an infrared pattern.

termux-job-scheduler

Schedule a Termux script to run later, or periodically.

termux-location

Get the device location.

termux-media-player

Play media files.

termux-media-scan

MediaScanner interface, make file changes visible to Android Gallery

termux-microphone-record

Recording using microphone on your device.

termux-notification

Display a system notification.

termux-notification-remove

Remove a notification previously shown with termux-notification --id.

termux-sensor

Get information about types of sensors as well as live data.

termux-share

Share a file specified as argument or the text received on stdin.

termux-sms-list

List SMS messages.

termux-sms-send

Send a SMS message to the specified recipient number(s).

termux-storage-get

Request a file from the system and output it to the specified file.

termux-telephony-call

Call a telephony number.

termux-telephony-cellinfo

Get information about all observed cell information from all radios on the device including the primary and neighboring cells.

termux-telephony-deviceinfo

Get information about the telephony device.

termux-toast

Show a transient popup notification.

termux-torch

Toggle LED Torch on device.

termux-tts-engines

Get information about the available text-to-speech engines.

termux-tts-speak

Speak text with a system text-to-speech engine.

termux-usb

List or access USB devices.

termux-vibrate

Vibrate the device.

termux-volume

Change volume of audio stream.

termux-wallpaper

Change wallpaper on your device.

termux-wifi-connectioninfo

Get information about the current wifi connection.

termux-wifi-enable

Toggle Wi-Fi On/Off.

termux-wifi-scaninfo

Get information about the last wifi scan.