

Backing up Termux

From Termux Wiki

Jump to: [navigation](#), [search](#)

Here is shown how to backup and restore your Termux installation. It is highly recommended to understand what commands listed here do before copy-pasting them. Misunderstanding the purpose of each step may irrecoverably damage your data, if that happened to you - do not complain.

Backing up

In this example, a backup of both home and sysroot will be shown. The resulting archive will be stored on your shared storage (`/sdcard`) and compressed with `gzip` .

1. Ensure that storage permission is granted:

```
termux-setup-storage
```

2. Go to Termux base directory:

```
cd /data/data/com.termux/files
```

3. Backing up files:

```
tar -zcvf /sdcard/termux-backup.tar.gz home usr
```

Backup should be finished without any error. There shouldn't be any permission denials unless the user abused root permissions. Warnings about sockets are okay.

Warning: never store your backups in Termux private directories. Their paths may look like:

/data/data/com.termux	- private Termux directory on internal storage
/sdcard/Android/data/com.termux	- private Termux directory on shared storage
/storage/XXXX-XXXX/Android/data/com.termux	- private Termux directory on external storage, XXXX-XXXX is the UUID of your micro-sd card.
\${HOME}/storage/external-1	- alias for Termux private directory on your micro-sd.

Once you clear Termux data from settings, these directories are erased too.

Restoring

Here will be assumed that you have backed up both home and usr directory into same archive. Please note that all files would be overwritten during the process.

1. Ensure that storage permission is granted:

```
termux-setup-storage
```

2. Go to Termux base directory:

```
cd /data/data/com.termux/files
```

3. Extract home and usr with overwriting everything and deleting stale files:

```
tar -xzf /sdcard/termux-backup.tar.gz --recursive-unlink --preserve-permissions
```

Now close Termux with the "exit" button from notification and open it again.