

## libimobiledevice\_fatdog beta 1 test

To the best of my current knowledge, this is a non-destructive test that should cause no harm to your Fatdog64 installation and your iphone or ipad – if you follow my instructions correctly.

That said, my “No responsibility” disclaimer follows:

I give no warranty and accept no responsibility or liability for the software in this test. Under no circumstances will I be held responsible or liable in any way for any claims, damages, losses, expenses, costs or liabilities whatsoever resulting or arising directly or indirectly from your use of this test software.

### A warning about copying code from this file

Be very careful copying code chunks from this file and pasting them directly into a terminal window. Each line could be followed by an extra empty line not present in the original code chunk, and the command you pasted will fail. To work around this issue, copy the code chunk as usual then paste it into a **text editor** window, like Geany, to preview the text. Delete extraneous characters and lines, copy the text in the editor window and paste it into the terminal window.

### First thing, clean up!

This instruction only applies if you installed older versions of the libimobiledevice family packages from Gslapt **before commencing this test**. If you did, please follow section *Appending B - Clean up old installation* to clean up your system.

Instead, **after this test**, you should uninstall as explained in section *Appendix A - Uninstall test software*.

### Prepare to install

- It is not a requirement, but please install in a new savefile if you can.
- A working iphone or ipad is needed.
- The iphone must be initialized but does not need a SIM, so you can test older iphones you replaced.
- A USB cable suitable to connect your iphone or ipad is needed. Some cheap, non-original cables may fail to transmit data bits.

### In a terminal window:

Incidentally, this is also how you can create a private cache for installed packages.

```
# create a separate local cache for test packages
# if you don't like /root it can be somewhere else where it can persist (not /tmp)
mkdir /root/test_repo
echo '
WORKINGDIR=/root/test_repo
SOURCE=http://www.smokey01.com/fd800/test/:OFFICIAL
' > /root/test_repo/config.rc

# update package list
slapt-get -c /root/test_repo/config.rc -u

# dry run installing package imobiledevice_fatdog
slapt-get -c /root/test_repo/config.rc -s -i imobiledevice_fatdog
```

## Output:

```
Retrieving package data [http://www.smokey01.com/fd800/test/]...Done
Retrieving patch list [http://www.smokey01.com/fd800/test/]...Done
Retrieving checksum list [http://www.smokey01.com/fd800/test/]...Done
Retrieving checksum signature [http://www.smokey01.com/fd800/test/]...Not Found
Retrieving ChangeLog.txt [http://www.smokey01.com/fd800/test/]...Done
Reading Package Lists...Done
```

Reading Package Lists...Done

Suggested packages:

libnotify

The following NEW packages will be installed:

libzip libplist libusbmuxd libimobiledevice usbmuxd ifuse imobiledevice\_fatdog

0 upgraded, 0 reinstalled, 7 newly installed, 0 to remove, 0 not upgraded.

Need to get 555.0kB of archives.

After unpacking 2.7MB of additional disk space will be used.

libzip-1.5.2-x86\_64-1 is to be installed

libplist-2.2.0-x86\_64-1 is to be installed

libusbmuxd-2.0.2-x86\_64-1 is to be installed

libimobiledevice-1.3.0-x86\_64-1 is to be installed

usbmuxd-1.1.1-x86\_64-1 is to be installed

ifuse-1.1.4-x86\_64-1 is to be installed

imobiledevice\_fatdog-813.0.0-noarch-1 is to be installed

Done

If everything looks correct go ahead and install:

```
slapt-get -c /root/test_repo/config.rc -i imobiledevice_fatdog
```

See expected output in section *Appendix C*.

Quickly check that the installation was successful:

```
pgrep -a usbmuxd
```

**Output:** (first number can be different):

```
11646 /usr/sbin/usbmuxd --udev --user usbmux
```

## Test

Now power up your iphone or ipad and plug it into a USB port. A desktop icon should appear on your desktop, just like a regular USB drive, and a notification balloon should be displayed. The balloon may include an error message if something isn't quite right. The error is usually easily recoverable as you go on. I am not going to spoil what will happen because it is part of what I want you to test.

Please report your findings, including which model you tested, in the forum thread <https://forum.puppylinux.com/viewtopic.php?t=8359>.

Thank you!

step -- 20230330 revision b

## Appendix A - Uninstall test software

Test packages can be uninstalled with the following commands in the **given order**:

```
removepkg imobiledevice_fatdog
removepkg usbmuxd
removepkg libplist
removepkg libusbmuxd
removepkg libimobiledevice
removepkg ifuse
removepkg libzip # only if not used by other packages
```

---

## Appendix B - Clean up old installation

Uninstall all packages of the libmobiledevice family, and remove directory `/var/lib/lockdown` completely (lockdown remembers your device). You may use Gslapt to uninstall the packages.

Uninstall list:

```
ideviceinstaller
(libzip)           unless it is used by other packages
libdeviceactivation
ifuse
libmobiledevice
libusbmuxd
libplist
libirecovery
usbmuxd
```

---

## Appendix C - Installer output

Output of `slapt-get -c /root/test_repo/config.rc -i imobiledevice_fatdog`

```
slapt-get -c /root/test_repo/config.rc -i imobiledevice_fatdog
Reading Package Lists...Done
Suggested packages:
  libnotify
The following NEW packages will be installed:
  libzip libplist libusbmuxd libimobiledevice usbmuxd ifuse imobiledevice_fatdog
0 upgraded, 0 reinstalled, 7 newly installed, 0 to remove, 0 not upgraded.
Need to get 555.0kB of archives.
After unpacking 2.7MB of additional disk space will be used.
1/7 Get http://www.smokey01.com/fd800/test/ libzip 1.5.2-x86_64-1 [79.0kB]...Done
2/7 Get http://www.smokey01.com/fd800/test/ libplist 2.2.0-x86_64-1 [97.0kB]...Done
3/7 Get http://www.smokey01.com/fd800/test/ libusbmuxd 2.0.2-x86_64-1 [27.0kB]...Done
4/7 Get http://www.smokey01.com/fd800/test/ libimobiledevice 1.3.0-x86_64-1 [286.0kB]...Done
5/7 Get http://www.smokey01.com/fd800/test/ usbmuxd 1.1.1-x86_64-1 [31.0kB]...Done
```

```
6/7 Get http://www.smokey01.com/fd800/test/ ifuse 1.1.4-x86_64-1 [9.0kB]...Done
7/7 Get http://www.smokey01.com/fd800/test/ imobiledevice_fatdog 813.0.0-noarch-1 [26.0kB]...Done
```

```
Preparing to install libzip-1.5.2-x86_64-1
Decompressing /root/test_repo/./libzip-1.5.2-x86_64-1.txz.
Verifying package /root/test_repo/./libzip-1.5.2-x86_64-1.txz.
Installing package libzip-1.5.2-x86_64-1.txz :
PACKAGE DESCRIPTION:
# libzip 1.5.2 (Zip file access library)
#
# libzip is a C library for reading, creating, and modifying zip
# archives.
#
# https://libzip.org/
#
Package libzip-1.5.2-x86_64-1.txz installed.
```

```
Preparing to install libplist-2.2.0-x86_64-1
Decompressing /root/test_repo/./libplist-2.2.0-x86_64-1.txz.
Verifying package /root/test_repo/./libplist-2.2.0-x86_64-1.txz.
Installing package libplist-2.2.0-x86_64-1.txz :
PACKAGE DESCRIPTION:
# libplist 2.2.0 (Apple plist parser)
#
# A small portable C library to handle Apple Property List files in
# binary or XML.
#
# http://www.libimobiledevice.org/
# https://github.com/libimobiledevice/libplist
#
Package libplist-2.2.0-x86_64-1.txz installed.
```

```
Preparing to install libusbmuxd-2.0.2-x86_64-1
Decompressing /root/test_repo/./libusbmuxd-2.0.2-x86_64-1.txz.
Verifying package /root/test_repo/./libusbmuxd-2.0.2-x86_64-1.txz.
Installing package libusbmuxd-2.0.2-x86_64-1.txz :
PACKAGE DESCRIPTION:
# libusbmuxd 2.0.2 (usbmuxd client library)
#
# A client library to multiplex connections from and to iOS devices by
# connecting to a socket provided by a usbmuxd daemon.
#
# http://www.libimobiledevice.org/
# https://github.com/libimobiledevice/libusbmuxd
#
Package libusbmuxd-2.0.2-x86_64-1.txz installed.
```

```
Preparing to install libimobiledevice-1.3.0-x86_64-1
Decompressing /root/test_repo/./libimobiledevice-1.3.0-x86_64-1.txz.
Verifying package /root/test_repo/./libimobiledevice-1.3.0-x86_64-1.txz.
Installing package libimobiledevice-1.3.0-x86_64-1.txz :
PACKAGE DESCRIPTION:
# libimobiledevice 1.3.0 (iOS devices access library)
#
```

```
# A library to communicate with services of Apple iOS devices using
# native protocols.
#
# http://www.libimobiledevice.org/
# https://github.com/libimobiledevice/libimobiledevice
#
Package libimobiledevice-1.3.0-x86_64-1.txz installed.
```

```
Preparing to install usbmuxd-1.1.1-x86_64-1
Decompressing /root/test_repo/./usbmuxd-1.1.1-x86_64-1.txz.
Verifying package /root/test_repo/./usbmuxd-1.1.1-x86_64-1.txz.
Installing package usbmuxd-1.1.1-x86_64-1.txz :
PACKAGE DESCRIPTION:
# usbmuxd 1.1.1 (iOS USB multiplexer)
#
# A socket daemon to multiplex connections from and to iOS devices.
#
# http://www.libimobiledevice.org/
# https://github.com/libimobiledevice/usbmuxd
#
Executing install script for usbmuxd-1.1.1-x86_64-1.txz.
usbmuxd started
Package usbmuxd-1.1.1-x86_64-1.txz installed.
```

```
Preparing to install ifuse-1.1.4-x86_64-1
Decompressing /root/test_repo/./ifuse-1.1.4-x86_64-1.txz.
Verifying package /root/test_repo/./ifuse-1.1.4-x86_64-1.txz.
Installing package ifuse-1.1.4-x86_64-1.txz :
PACKAGE DESCRIPTION:
# ifuse 1.1.4 (iOS devices filesystem access)
#
# A fuse filesystem implementation to access the contents of iOS
# devices.
#
# http://www.libimobiledevice.org/
# https://github.com/libimobiledevice/ifuse
#
Package ifuse-1.1.4-x86_64-1.txz installed.
```

```
Preparing to install imobiledevice_fatdog-813.0.0-noarch-1
Decompressing /root/test_repo/./imobiledevice_fatdog-813.0.0-noarch-1.txz.
Verifying package /root/test_repo/./imobiledevice_fatdog-813.0.0-noarch-1.txz.
Installing package imobiledevice_fatdog-813.0.0-noarch-1.txz :
PACKAGE DESCRIPTION:
# imobiledevice_fatdog 813.0.0 (fatdog extras)
#
# Mount iOS mobile devices files.
#
# Created and maintained by Fatdog64 Linux authors.
#
Executing install script for imobiledevice_fatdog-813.0.0-noarch-1.txz.
Package imobiledevice_fatdog-813.0.0-noarch-1.txz installed.
```

Done