



Amontec JTAGkey : Install Drivers to Linux

amt_ann007 (v1.0)

Application Note

OVERVIEW

This document assumes you have downloaded the Amontec JTAGkey Utils setup.tar.gz file on your computer.

If this is not the case, please feel you free to download the last version of the Amontec JTAGkey Utils setup.tar.gz file. Please download the setup.tar.gz file from the Amontec website on page:

<http://www.amontec.com/jtagkey.shtml> .

Also, after downloading the Amontec JTAGkey Utils setup.tar.gz file on your computer, you have got all indispensable resources to continue the setup of the Amontec JTAGkey Drivers.

INDEX

Overview	1
index.....	1
Installing Amontec JTAGkey Drivers to Linux	2
Disconnecting your Amontec JTAGkey cable	2
Installing the Amontec JTAGkey Drivers	2
Troubleshooting.....	3
Content Revisions	3
Contact Amontec.....	3

INSTALLING AMONTEC JTAGKEY DRIVERS TO LINUX

Disconnecting your Amontec JTAGkey cable

Please make sure to disconnect any Amontec JTAGkey cable from your computer.

Installing the Amontec JTAGkey Drivers

Please follow:

1. Unzip and untar the setup.tar.gz (for example amontec_jtagkey_utils_060517_setup.tar.gz)

```
gunzip amontec_jtagkey_utils_060517_setup.tar.gz
tar -xvf amontec_jtagkey_utils_060517_setup.tar
```

2. As root user copy the following files to /usr/local/lib

```
cp libftd2xx.so.0.4.10 /usr/local/lib
```

3. Change directory to /usr/local/lib

```
cd /usr/local/lib
```

4. Make symbolic links to these files using the following commands:

```
ln -s libftd2xx.so.0.4.10 libftd2xx.so
```

5. Change directory to /usr/lib

```
cd /usr/lib
```

6. Make symbolic links to these files using the following commands:

```
ln -s /usr/local/lib/libftd2xx.so.0.4.10 libftd2xx.so
```

7. Add the following line to /etc/fstab:

```
none /proc/bus/usb usbdevfs defaults,devmode=0666 0 0
```

There have been reports that you may need to use the following command for some distros

```
none /proc/bus/usb usbdevfs defaults,mode=0666 0 0 (use usbfs in 2.6 kernels)
```

8. Remount all in the fstab file

```
mount -a
```

You are finished with installing the JTAGkey Linux Driver. You are now ready to use your Amontec JTAGkey cable on your Linux based computer!

Please connect your Amontec JTAGkey!

TROUBLESHOOTING

If you have problems with your Amontec JTAGkey after the installation of the driver, check with **usbview** to check the usb file system is mounted properly. Please search on the internet for the **usbview** application.

CONTENT REVISIONS

This document contains the following changes to content, causing it to differ from previous versions:

Version	Date	Changes
V1.0	17-MAY-2006	First version (by Laurent Gauch)

CONTACT AMONTEC

Amontec, Gauch

LA Grand Fin 32

1633 Vuippens

Switzerland

<http://www.amontec.com/>

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Suggested applications (if any) are for standard use. See Important Restrictions for limitations on special applications. See Limited Warranty for Amontec's product warranty. The Limited Warranty is in lieu, and exclusive of, all other warranties, express or implied. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR USE AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY EXCLUDED. In no event will Amontec be liable, or in any way responsible, for any incidental or consequential economic or property damage.