

Example of time/date stamping for the KeyCarbon USB Forensic

See <http://keycarbon.com/tinyurl/kufts/> for more detailed information.

[All comments in red italics were added as comments, after the log was generated]

[all comments in bold blue are what I typed on the keyboard]

All typing in black is the text generated by the KeyCarbon USB Forensic

[---start log---]

[I start a text editor such as Notepad or Wordpad (under Windows) or BBEdit (for Macintosh)]

[I am typing the password to trigger the menu within an editor such as NotePad]

phxlog

Press c for compatibility mode

KeyCarbon(tm) USB Forensic (2000KB)

Firmware: v4.0.0.7939

www.keycarbon.com

ROOT MENU

- 1) Full memory download
- 2) Partial memory download
- 3) Erase memory (quick)
- 4) Erase memory (thorough)
- 5) Modify password
- 6) Mode: Rapid Downloader
- 7) Mode: Firmware Upgrade
- 8) Options
- 9) Speed
- 0) Quit

[I type 8 to update the battery backed date/time chip]

Select: **8**

8) Options

1) Language

2) Date/time

Select: 2

2) Date/time

Current time: 20000101-18:12

[I type type the year in YYYYMMDD format, see <http://www.keycarbon.com/tinyurl/kufts/>]

Enter the date as YYYYMMDD (ie 20061129): **20080820**

[I type type the time in HHMM format, see <http://www.keycarbon.com/tinyurl/kufts/>]

Enter the time as HHMM 24 hour time (ie 1745): **1140**

New time: 20080820-11:40

ROOT MENU

- 1) Full memory download
- 2) Partial memory download
- 3) Erase memory (quick)
- 4) Erase memory (thorough)
- 5) Modify password
- 6) Mode: Rapid Downloader
- 7) Mode: Firmware Upgrade
- 8) Options
- 9) Speed
- 0) Quit

[I type 3 to erase the log]

Select: **3**

3) Erase memory (quick - less secure)

[I type 'y' to confirm]

Are you sure you want to quick erase memory (y/n) **y**

Erasing memory... done.

ROOT MENU

- 1) Full memory download
- 2) Partial memory download
- 3) Erase memory (quick)
- 4) Erase memory (thorough)
- 5) Modify password
- 6) Mode: Rapid Downloader
- 7) Mode: Firmware Upgrade
- 8) Options
- 9) Speed

0) Quit

[I type '0' to exit the menu and continue recording]

Select: **0**

0) Quit

Exiting menu. Now logging keystrokes ...

[I type some test text]

the quick brown fox jumped over the lazy dog and the cow jumped over the moon

As you can see, this is a test of the KeyCarbon USB Forensic.

There is date/time stamping.

I have just set the date/time up, by browsing to the menu, and plugging in 20080820 for the date, and 11:40 for the time.

The time/date stamping works by adding an entry into the log. The date/time stamps can be filtered out by the download software.

Now, I'm going into the menu to view the log.

[I type the password to re-enter the log]

phxlog

Press c for compatibility mode

KeyCarbon(tm) USB Forensic (2000KB)

Firmware: v4.0.0.7939

www.keycarbon.com

ROOT MENU

1) Full memory download

2) Partial memory download

3) Erase memory (quick)

4) Erase memory (thorough)

5) Modify password

6) Mode: Rapid Downloader

7) Mode: Firmware Upgrade

8) Options

9) Speed

0) Quit

[I type '1' to download the entire log]

Select: **1**

1) Full memory download - view the entire log of keystrokes

Characters stored: 598 (0% of total)

Note: Download the log 5 times faster by adjusting the speed see menu option 9.

Note: Download the log 1000 times faster using the 'KeyCarbon Windows(tm) Toolkit' see menu option 6.

--log start--

the quick brown fox u<bks>jumped over the lazy dog and the cow jumped over the moon

a<bks>as you can see, thi s<bks><bks>s is a test o f<bks>f <bks><bks><bks>f the
KeyCra<bks><bks>arbon <bks><bks><bks><bks><bks>arbon USB Forensic.

There is date/time stamping.

I have just set the date/time up <bks>, by browsing to the menu, and plugging in

[you can see the time stamp on the line below]

<t20080820-11:51>

20080820 for the date, and 11:40 for the time.

The time/date stamping works using a<bks><bks><bks><bks><bks><bks>by adding a <bks>n entry into the log. The dat/<bks>e/time stamps can be filtered out by<bks><bks>by the download software.

Now, I'm going in t<bks><bks>to the menu to fi<bks><bks>view the log.

[you can see the time stamp every time the device is powered up]

<PWD><t20080820-11:52>

--log end--

ROOT MENU

1) Full memory download

2) Partial memory download

- 3) Erase memory (quick)
- 4) Erase memory (thorough)
- 5) Modify password
- 6) Mode: Rapid Downloader
- 7) Mode: Firmware Upgrade
- 8) Options
- 9) Speed
- 0) Quit

Select: **0**

[I type '0' to quit]

0) Quit

Exiting menu. Now logging keystrokes ...

[I type some more test text]

And, now I'm going to record some more keystrokes. As you can see, the time/date stamping has a resolution of 1 minute.

[I type the password to reenter the menu]

phxlog

Press c for compatibility mode

KeyCarbon(tm) USB Forensic (2000KB)

Firmware: v4.0.0.7939

www.keycarbon.com

ROOT MENU

- 1) Full memory download
- 2) Partial memory download
- 3) Erase memory (quick)
- 4) Erase memory (thorough)
- 5) Modify password
- 6) Mode: Rapid Downloader
- 7) Mode: Firmware Upgrade
- 8) Options
- 9) Speed
- 0) Quit

[I type '1' to download the log]

Select: **1**

- 1) Full memory download - view the entire log of keystrokes

Characters stored: 762 (0% of total)

Note: Download the log 5 times faster by adjusting the speed see menu option 9.

Note: Download the log 1000 times faster using the 'KeyCarbon Windows(tm) Toolkit' see menu option 6.

--log start--

the quick brown fox jumped over the lazy dog and the cow jumped over the moon

as you can see, this is a test of the KeyCarbon USB Forensic.

There is date/time stamping.

I have just set the date/time up, by browsing to the menu, and plugging in 20080820-11:51 for the date, and 11:40 for the time.

The time/date stamping works by adding a '\n' entry into the log. The date/time stamps can be filtered out by the download software.

Now, I'm going in to the menu to view the log.

<PWD>20080820-11:52>And, now I'm going to record some more keystrokes.
<PWD>20080820-11:53>As you can see, the time/date stamping has a resolution of 1 minute.

<PWD>20080820-11:53>

--log end--

ROOT MENU

- 1) Full memory download
- 2) Partial memory download
- 3) Erase memory (quick)
- 4) Erase memory (thorough)
- 5) Modify password

6) Mode: Rapid Downloader

7) Mode: Firmware Upgrade

8) Options

9) Speed

0) Quit

[I type '0' to quit the menu and resume recording]

Select: **0**

0) Quit

Exiting menu. Now logging keystrokes ...

[---start log---]