![iFixit logo](X IFIXIT)

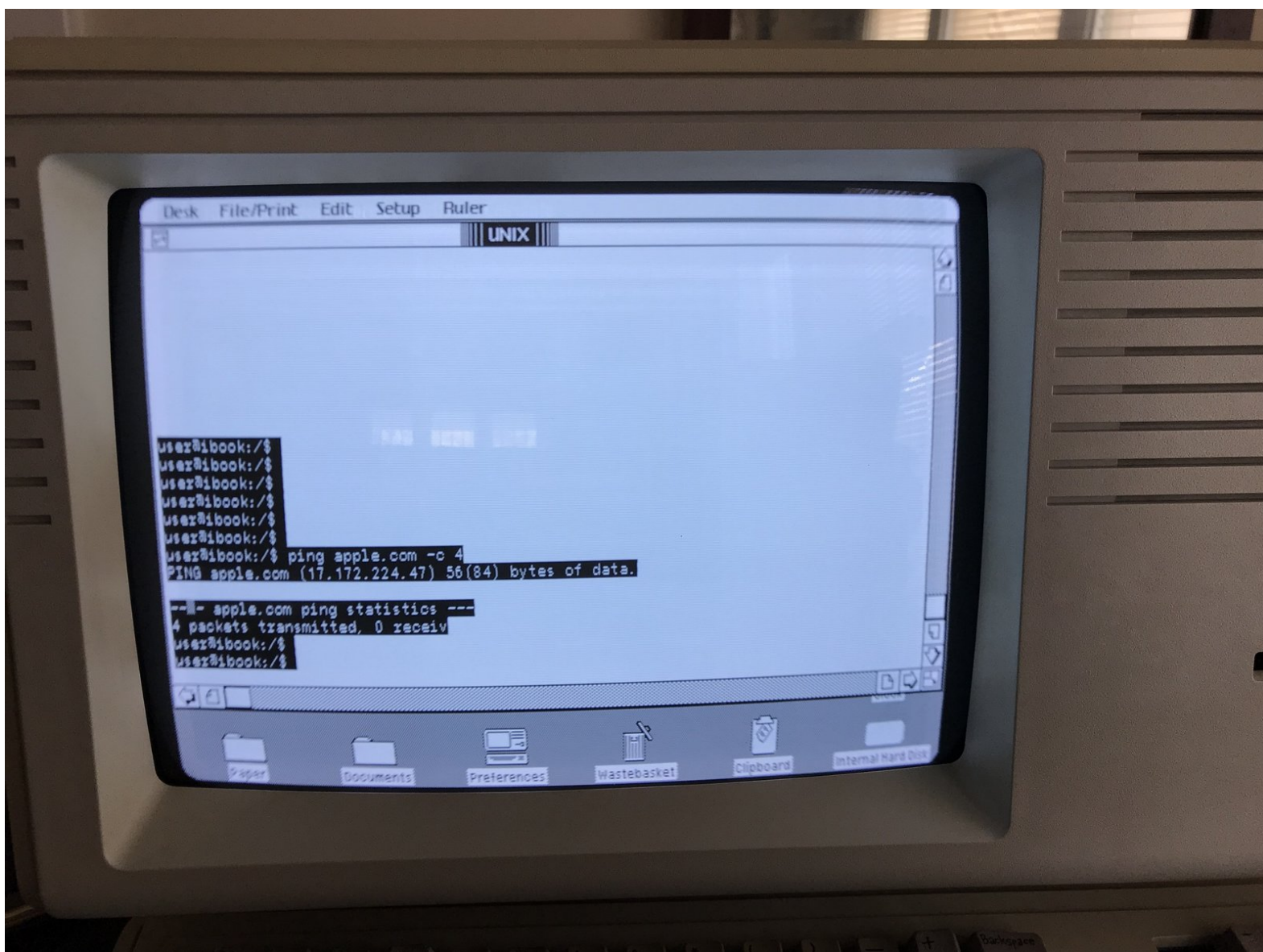# LisaTerminal with Linux/UNIX(Mac)

In this guide you will learn how to login to a Linux or UNIX computer from LisaTerminal.
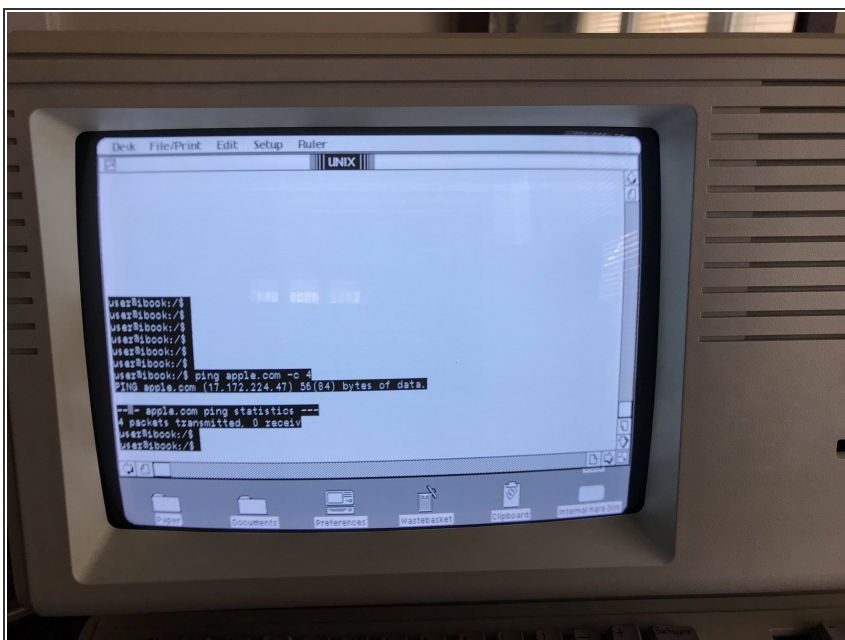
Written By: LisaGuide

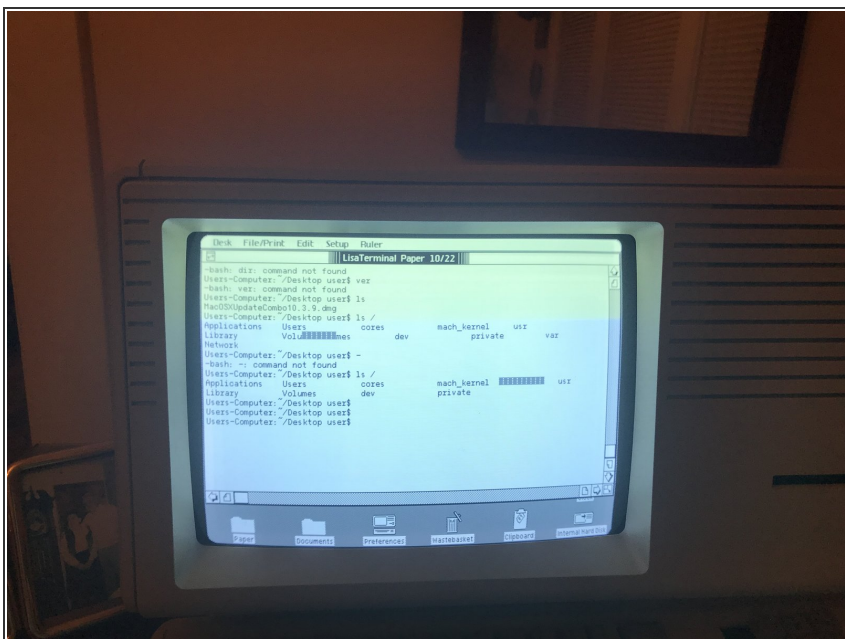## ⚙ PARTS:

- DTECH USB to RS232 DB9 (1)
- DB9 to DB25 (1)
- DB25 Null Modem (1)

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Step 1 — On Linux

- In Terminal type: sudo apt-get install screen

- sudo screen /dev/ttyUSB0 9600

- Press ^A ⇧ : (at the same time). Once you see a : prompt at the bottom of the screen type

- exec ::: /sbin/agetty -L -n 9600 ttyUSB0 vt100

- Press return a few times on the Lisa keyboard and the login prompt should appear.
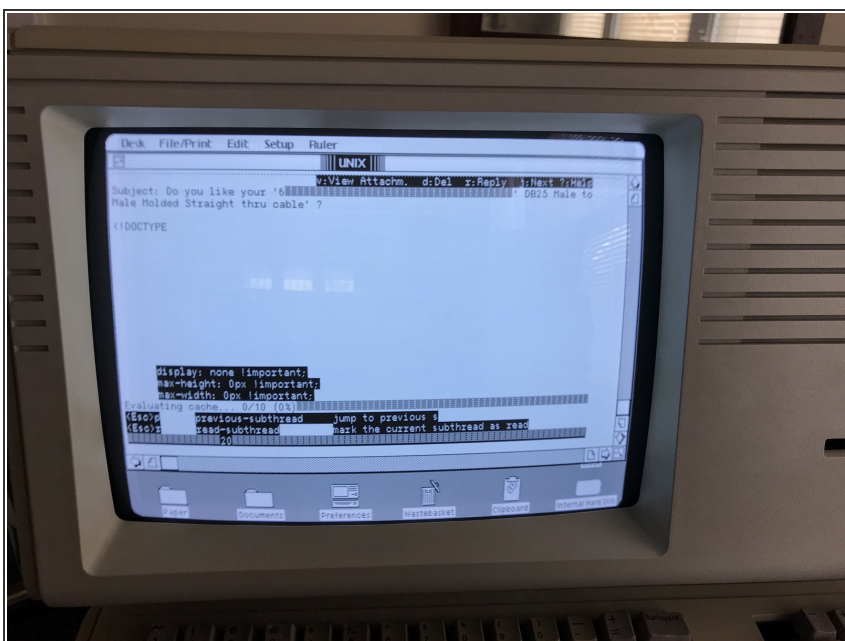
Step 2 — On macOS

- Type: ls /dev/cu.*

- Copy the result that mentions USB

- Then type the following replacing serial with the previous result: screen /dev/serial 9600

- Press ^A ⇧ :

- When the : prompt appears type

- exec ::: /usr/libexec/getty std.9600

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Step 3 — On Lisa

- Open LisaTerminal and set the settings to baud rate 9600 and set serial port to A.

- Plug the serial cable into serial port A.

- In MacWorks Plus and Macintosh System 6, the application Mac240 supports graphics and is generally fantastic for this type of connection.

- Mac240 can be acquired from Macintosh Garden.

Step 4 — Uses

- This was done so I could use mutt for email and w3m for web browsing

- mpg123 is great for music if your connected computer has speakers.