--LOCKUP--
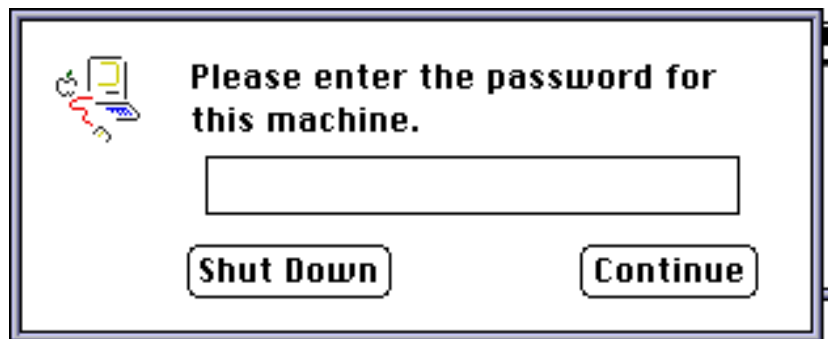# by Brian Gaeke
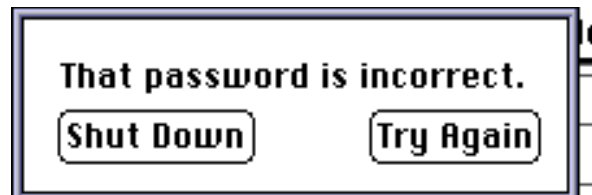version AMUG-1.0a1—Jan 3 1992

Lockup is a free, tiny security INIT from Brian Gaeke. The key words there are **free** and **tiny**. :¬) This INIT will, as many security programs, keep the honest people out. It probably wouldn't stand up to someone actually actively interested in getting into your Mac; it can be disabled simply by using a separate startup disk.

How to use Lockup

To use Lockup, like most INITs, drag it to your System Folder. The next time you reboot, you will be greeted by a friendly dialog box like so:

> **Please enter the password for this machine.**
>
> [   ]
>
> [Shut Down]   [Continue]

Type the password that you have assigned (more on that later) and click Continue. (The default password is "password1" without the quotes; all lowercase, and the last letter is a "one", not an "ell".) If you are correct, the startup process continues. If you want to cancel the startup process for some reason, press Shut Down, and if you have a II-series (includes LC) Mac, the power will be turned off, and other Macs will display the standard "It is now safe to turn off..." dialog box. If, on the other hand, the password is incorrect, then the following alert appears:

> **That password is incorrect.**
>
> [Shut Down]   [Try Again]

Once again, if the intrepid system-cracker clicks Shut Down, the system will power off (etc.) If he/she pushes Try Again, the password dialog reappears for another go.

Customizing Lockup

OK, so you've seen what it does. Now you want to change the password? If you are experienced with ResEdit, let me just say now that 'PTCH' ID=2800 from the Lockup file is not really a patch, but a Pascal string (like a 'STR ') containing the password. Hack away. 'Nuff said.

If you don't use ResEdit? Well, you can get a ResEdit-happy friend to change it for you, or get it from your local bulletin board (You will need version 2.0 or later.) Here's a little walkthrough of what you have to do:

1. Let me warn you that ResEdit can do mean things to your Mac. Be careful and read carefully. Read everything through first before starting.
2. Launch ResEdit.
3. Choose Open from the File menu, and select the Lockup file in the standard file dialog box that appears.
4. Double-click the icon labeled PTCH. A new window will appear titled "PTCHs from Lockup 1.0a1" or similar to this.
5. Select (by clicking) the line with 2800 in the ID column. (It should be the only one.)
6. Choose Open Using Template from the Resource menu.
7. In the box that appears, there will be a scrolling list. Scroll down to STR and click on it, and click OK.
8. A new window will appear titled "PTCH ID=2800 from Lockup v1.0a1" or similar to this. In it there will be a box labeled "The String", and one labeled "Data $".
9. The one labeled "The String" has the password. Change it at will. (Don't mess with "Data $".)
10. Choose Save from the File menu.
11. Choose Quit from the File menu. That's it!

Possible Improvements and Bug Reports

Good stuff first. Some possible future improvements that I have worked out are:
• Displaying •s in the dialog box instead of the password when it is typed.
• Multi-user-ness, with some passwords having some folders hidden, etc.
• Password rotation, like one for each day of the week.
• A CDEV interface for changing the password.

And always, there's that possibility of insects in the mix. (Even more so with Lockup because it's my first INIT...) If you find one, *PLEASE TELL ME!!!!* I can be reached at many bulletin boards; but the only ones that I check on a reasonable basis are:

GEnie: R.GAEKE
America OnLine: BrianG29
AppleLink: BRIAN.GAEKE
Internet: usr6720a@tso.uc.edu

BTW Send also your questions, comments, code, tomatoes, eggplants, etc.

Lost passwords

If you lose your password, simply restart your Mac with a separate system disk and replace Lockup with a new, unchanged copy.

Technical info

Shutdowns are done with a call to ShutDwnPower. (For you assembly language programmers that's MOVE.W #$0001,-(A7); _ShutDown.)

I call _InitWindows and friends because I have to, to display the dialog boxes...if you're that angry about it then rename it to something like zzzLockup. (If you're running System 7.0 there's nothing I can do, except if you are running no Control Panels at all, because Extensions are loaded before any Control Panel. This may be fixed in the future with the CDEV password altering interface.) If you Need to know (for compatibility purposes) Lockup calls InitFonts, InitWindows, InitMenus, TEInit, and InitDialogs(NIL).

If Lockup can't get its DLOG or PTCH, it SysBeeps twice and exits, allowing access to the (lucky?) user.

If you want the source code to Lockup (it's in THINK Pascal) send US$5 and a SASE to Brian Gaeke, 201 The Alameda, Middletown, OH, 45044-4805 (USA). I'll stuff it with extra goodies (XCMDs I've written) for another US$1.

Version History

1.0a1 First public release.

AMUG-1.0a1 This version is functionally equivalent to 1.0a1 but with minor changes to the resources to reflect its distribution on the Arizona Mac Users' Group BBS In A Box CD-ROM.

Legal Stuff

Redistribution: You are allowed, and encouraged to, distribute UNMODIFIED copies of Lockup. You may not charge for its redistribution, beyond normal download fees. You may not include it on public domain disks to be sold without my express written permission. If you wish to redistribute on CD-ROM, all I ask is that you send me a copy of the disc.

Disclaimer: I cannot be held responsible for any damage caused to your machine, data, or software arising from the use of this INIT, because you read this documentation, and therefore you should know what it is used for and how to use it correctly.

And...<u>ResEdit is a powerful programmer's tool.</u> It is not a toy. It can damage your System beyond repair. At the risk of being over-repetitive, I must warn you to be ultra careful if you are inexperienced with ResEdit.

Closing Note

Enjoy!