



# Tech Info Library

## A/UX: Unable to Use vi with DGD200 Terminal Emulation (9/94)

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TOPIC -----

I have a Data General terminal connected to a Macintosh running A/UX 3.0. I set the terminal type to be d200 in the /etc/ttytype file; my TERM, then, is set to dgd200. However, when I try to edit a file in vi, I get an error that vi doesn't know what a DGD200 is, and I'm unable to use vi. What should I do to eliminate this problem?

DISCUSSION -----

The problem is the 'vi' application uses the System V terminfo database (not termcap) entry to do terminal emulation, and the 'dgd200' entry doesn't appear in the /usr/lib/terminfo/d directory. The 'dgd200' termcap entry does exist in /etc/termcap though.

Fortunately, there is a public domain utility program called "captainfo" that converts a termcap database file to a terminfo source file. It reads the termcap file from standard input and writes the terminfo source to standard output. After converting to the terminfo source file, you then use 'tic' to translate it into the compiled format file. For example:

```
captainfo < dgd200.cap > dgd200
tic dgd200
```

The dgd200 terminfo entry will be automatically put in the /usr/lib/terminfo/d directory.

The "captainfo" utility has been posted to [www.info.apple.com](http://www.info.apple.com). Here is the URL:

```
ftp://ftp.info.apple.com/Apple.Support.Area/Extras/AUX/captainfo.Z
```

Article Change History:

27 Sep 1994 - Updated article to show where to get the "captainfo" utility.

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