



# Tech Info Library

## A/UX: U.S. and International Encryption Differences (9/94)

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### TOPIC -----

The international version of A/UX contains only password encryption, while the U.S. version contains file encryption. Is this the only difference between them?

How does the file encryption works? Is there any command to encrypt the file or environmental setting for file encryption?

### DISCUSSION -----

Yes, the only difference between the U.S. and international versions of A/UX is the inclusion of encryption software. The U.S. version of A/UX includes file encryption software that is not included in the international version. This software is based on the National Institute of Standards and Technology DES (Data Encryption Standard) algorithm, and cannot be exported outside of the United States and Canada. The encryption software includes "crypt" and new versions of ed, ex, and vi.

There are no special environmental settings used by "crypt." It reads standard input and writes to standard output. It lets you enter the key on the command line, and prompts for one if none is supplied. Unencrypting works in much the same way, with "crypt" prompting for the key if none is supplied.

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