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A/UX: Uses 7-bit Character Set for Filenames

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Security:       Everyone
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Article Change History

08/31/92 - REVIEWED
            • For technical accuracy.

TOPIC --

Does A/UX 2.0.1 support an 8-bit or a 7-bit character set? I would have
guessed 8-bit, but I've not been able to use special characters in
filenames.

DISCUSSION --

ASCII is a 7-bit character set code with values ranging from 0 to 127.
Binary data uses the 8-bit character set, with code values ranging from 0
to 255.

A/UX supports 8-bit binary files, which are usually executable applications
and binary data files. A/UX 2.0.1 recognizes only 7-bit filenames, which
means you can't create filenames with character values greater than 127.
Special characters prohibited by 7-bit ASCII include '/', '|', and so on.

However, Macintosh HFS filenames can use the 8-bit character set.

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