



# Tech Info Library

## A/UX 3.0: Maximum File Name Length and POSIX (8/94)

Revised: 8/23/94  
Security: Everyone

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Article Created: 12 March 1989  
Article Reviewed/Updated: 19 August 1994

### TOPIC -----

This article discusses the maximum file name lengths for A/UX 3.0, POSIX, and BSD 4.3.

### DISCUSSION -----

A/UX 3.0 is based on System V Release 2, Version 2 version of UNIX. File names can be up to 255 characters in length.

POSIX, on the other hand, defines file name length in the constant MAXNAMLEN in the "/usr/include/dirent.h" header file. A/UX is certified by the National Institute of Standards and Technology as compliant with FIPS #151 (IEEE POSIX 1003.1-1990, and ISO 9945-1)

The BSD 4.3 maximum file name length is 255 characters. However, the implementation of file system between the BSD UNIX and the System V UNIX is completely different.

The BSD fast file system for A/UX was been requested and has been implemented in A/UX.

Article Change History:  
19 Aug 1994 - Updated for A/UX 3.0  
27 Aug 1992 - REVIEWED For technical accuracy.

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Tech Info Library Article Number:3721