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Macintosh OS C Compiler and Draft ANSI Standard

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TOPIC -----

Do the Macintosh OS and A/UX C compilers meet the ANSI standard X3J11 draft X3.259? I need to include that information in a proposal.

DISCUSSION -----

The C compiler that comes with A/UX is NOT compatible with the draft ANSI standard for C. (The A/UX C compiler is the standard System 5.2.2 release compiler.)

Under the Macintosh OS, the MPW 3.0 C compiler was written to move towards the ANSI draft standard, but since the standard is at a draft stage, engineering has a moving target.

However, if you read Appendix D of the MPW 3.0 C reference manual (APDA #M0022LL/A) you will see that the majority of the changes to the C compiler were implemented for ANSI compatibility.

Both Appendix D and the Release Notes have sections pertinent to ANSI compatibility. Read them for further information.

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