



Tech Info Library

A/UX: Compatible Third-Party Tools/Languages

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Article Change History

08/27/92 - REVIEWED

- o For technical accuracy.

TOPIC -----

Compatible Third-Party Tools/Languages

DISCUSSION -----

Alsys

The Alsys ADA Compiler for A/UX is a complete production-quality implementation of ADA, suitable for demanding ADA developments. Features of the Alsys ADA compiler include: suitability for large applications, accuracy and reliability, multi-library environment, tool support, and much more.

Franz Inc.

Franz Incorporated's Allegro CL, an extended, common LISP, broadens the scope of problems that minicomputers can address. Allegro CL and A/UX transform the Macintosh II into an ideal delivery vehicle for artificial intelligence applications and standard applications with embedded AI technology. For example, using Allegro CL, A/UX programmers can add sophisticated advisory and analysis components to applications already running under A/UX.

Unisoft

Unisoft offers three compilers: Optimizing C, Optimizing FORTRAN, and Optimizing Pascal. Unisoft has implemented these compilers specifically for A/UX and the Motorola 68000 series architecture. The compilers can maximize the power offered by the Macintosh II computer by increasing the program execution speed by as much as four times, performing global optimizations previously available only on super-minicomputers or mainframe computers. The Unisoft compilers have been optimized for the Motorola 68020 and 68881 floating

point chips and feature one-pass compilation for maximum extensions.

Absoft

RAT FORTRAN is a mainframe-caliber compiler for program development on the Macintosh II. It conforms completely to ANSI X3.9-1978, IEEE P754, and MIL-STD 1753 specifications. It also includes several extensions from the proposed FORTRAN 8X standard and several features to facilitate porting programs from the VAX environment. The A/UX version provides full support for the Macintosh Toolbox and is completely compatible with the A/UX environment and all of its support tools. RAT FORTRAN also handles inter-language calling with C.

For more information, search on the above company names.

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