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A/ROSE: Description (3/95)

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TOPIC -----

What's A/ROSE? The extension is on my computer. Do I need it?

DISCUSSION -----

A/ROSE stands for Apple Real-Time Operating System Environment. It's a system extension that allows communication between the Macintosh main logic board and Macintosh Coprocessor Platform (MCP) based NuBus cards which run the Apple Real-Time Operating System. This means that specific Macintosh NuBus cards, such as the Apple Token Ring cards and the Apple Ethernet NB card, have their own 68000 chip on board.

A/ROSE runs as a driver under the standard Macintosh operating system. It downloads, starts, stops, sets priorities, and communicates with real-time processes that run on any A/ROSE compatible NuBus card.

The only reason to install this extension is to support an MCP-based card. If it's on a PowerBook Duo, it could be that the Duo Dock has an Ethernet NB card installed. When not docked, A/ROSE still loads, but the Duo doesn't use it. Other cards that require A/ROSE include the two Apple Token Ring, the Serial NB, and the Apple Coax/TwinAx NB cards. Note that SNA•ps is a software product which may require A/ROSE in specific configurations. Macintosh computers with built-in Ethernet don't need A/ROSE, and as far as we know, non-Apple Ethernet cards don't use A/ROSE.

Article Change History:

22 Mar 1995 - Corrected wording of Duo Dock.

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