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Data Access Language Server for A/UX: Description(Discontinued)

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Security: Everyone

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TOPIC -----

This article describes the Data Access Language (DAL) Server for A/UX.

DISCUSSION -----

NOTE: The DAL technology was purchased by Independence Technologies, Inc. (ITI) in late 1993. Contact ITI for additional information on DAL.

The DAL Server for A/UX is a networking software product that provides DAL access to files and databases on an A/UX host system. The DAL Server runs on the A/UX host and works cooperatively with personal computer application programs that support DAL, such as spreadsheets, databases, and query tools on Macintosh computers.

A complete DAL connectivity setup for A/UX includes a client personal computer running an application program with embedded DAL support and an A/UX host Macintosh computer with the DAL Server. The DAL Server receives requests from the personal computer program, carries out the requests on the host Macintosh computer running A/UX, and sends the desired data back to the program for local processing.

The DAL Server for A/UX provides uniform support for DAL-based application programs, through a variety of network configurations and data management software. It works with existing databases, operating under standard A/UX and database security. You receive transparent access to the information in databases you are authorized to access.

Features

- Operation as a user process under standard A/UX user name/password security

- Uniform support for DAL clients
- Uniform concurrent support for A/UX databases
- Automated A/UX installation procedures
- Asynchronous operation
- Incremental compiler implementation
- Trace facility
- Interactive utility (IDAL) for testing DAL program statements
- Stored procedures
- Sample tables
- Wide range of commercial applications with DAL connectivity available today

Benefits

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- Maintains the security and integrity of A/UX and the database management system.
 - Eliminates the need for new system administration procedures on the host Macintosh computer.
 - Allows one server to support all Macintosh computers running DAL-compatible application programs.
 - Insulates personal computer programs from the complexities of the database being used.
 - Supports multivendor environments.
 - Makes installation quick and easy.
 - Allows the user to continue other work while the DAL Server performs a connectivity request.
 - Returns program control to the Macintosh computer so that the user can perform other tasks while the DAL Server carries out the requested operation on the host.
 - Reduces the client system processing load.
 - Facilitates debugging and system tuning.
 - Provides utilities to ensure proper connection, installation, and operation of host server.

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- Minimizes network traffic by storing commonly located procedures on the host, where they can be shared.
- Makes developing and testing applications easier.
- Provides spreadsheet, query tool, and mapping tool users with seamless host data integration without programming effort.

Article Change History:

17 Oct 1996 - Added discontinued to title.

19 Sep 1994 - Added info about ITI.

29 Jun 1992 - Reviewed.

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