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DAL for A/UX: Details and System Requirements (9/94)

Article Created: 11 November 1991

Article Reviewed/Updated: 21 September 1994

TOPIC -----

This article gives the product details, language specifications, and system requirements for using Data Access Language (DAL) for A/UX.

DISCUSSION -----

NOTE: As of December 1993, Independence Technologies, Inc. (ITI) took ownership of the DAL technology. Contact ITI for current product information.

Product Details

- Database Support
 - Informix version 2.1 or later
 - Ingres version 6.1 or later
 - Oracle version 6.0

- Client Support
 - Uniform support for any application developed with the DAL Developer's Toolkit for the Macintosh using a supported network

- Network Support
 - Asynchronous direct and dial-up connections
 - Support for TCP/IP standard UNIX network protocol using Apple's MacTCP software program on the Macintosh computer.

- Asynchronous Communications
 - Transmission speed: 300 to 19,200 baud
 - Character length: 7 or 8 data bits; 1 or 2 stop bits
 - Parity: odd, even, or none
 - Handshake
 - XON/XOFF and none
 - Modem and direct connections
 - Log-on sequence specification

- Protocol
 - Error-correcting (16-bit CRC)
 - Data compression
 - Binary data transparency

Language Specifications

DAL is a complete language for describing connectivity tasks. It consists of these statement groups:

- Host Connection Statements
These establish and terminate a connection to a host system in the network. This provides concurrent access to multiple hosts running DAL Servers.
- Data Manipulation Statements
These offer complete ANSI standard level 1, SQL-based data access to host databases.
- Program Structure Statements
These support testing, looping, and procedure calls within a DAL program.
- Output Statements
These generate output messages from the DAL program. The client application software processes these messages.

System Requirements

To use the DAL Server for A/UX, you need the following hardware and software:

- Host environment: A/UX version 2.0 or later. We recommend the A/UX CD-ROM product or the A/UX floppy product. We don't recommend the A/UX external 80MB hard disk because it doesn't contain the software you need to repartition the disk for the DAL Server for A/UX.
- One of the supported database management systems
- Macintosh computer clients running DAL-compatible application programs.
- The appropriate networking hardware and software

Article Change History:

21 Sep 1994 - Reviewed. Added info on ITI.

Support Information Services

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 9128