DAL Server for VAX/VMS: Details and System Requirements

Article Created: 11 November 1991
Article Last Reviewed: 29 June 1992
Article Last Updated: 29 June 1992

TOPIC ---

This article gives the product details, language specifications, and system
requirement for using Data Access Language (DAL) Server for VAX/VMS.

DISCUSSION --

Product Details

- Database Support
  - Informix version 2.1 (or later)
  - Ingres version 6.1 (or later)
  - Oracle version 5.1.22 (or later)
  - Oracle version 6.0
  - Rdb/SQL version 3.1 (or later)
  - Sybase SQL Server version 3.0 (or later)

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

- Network Support
  - Asynchronous direct and dial-up connections
  - Support for the AppleTalk network system (requires AppleTalk for VMS
    version 2.0.6 or later for Phase I and version 2.1 for Phase II), which
    is supplied with DAL Server for VAX/VMS.

- 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

- Resource Usage
  - 1MB of disk storage
  - Proper usage verified by test program
  - One sharable, reentrant 200K-300K process shared by all attached
    Macintosh applications

Language Specifications

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

- Host Connection Statements
  These establish and terminate a connection to a host system in the
  network, providing 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 processes these messages.

System Requirements

To use the DAL Server for VAX/VMS, you need the following:

- Host environment: VAX/VMS version 5.1 (or later)

- Macintosh computer clients running DAL-compatible applications

- One or more of the supported database management systems

- The appropriate networking hardware and software
Copyright 1991, 1992 Apple Computer, Inc.

Keywords: <None>

==

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 9136