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DAL Server for MVS/VTAM: Details and System Requirements

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TOPIC -----

This article gives the product details, language specifications, and system requirements for using the DAL Server for MVS/VTAM.

DISCUSSION -----

Product Details

- Database Support
 - Provides access to DB2 databases, version 1.3 or later
 - Provides access to Teradata DBC/1012 databases, version 4.1 or later
- Optional CICS Support

A CICS Passthru program runs as a standard CICS transaction program that provides optional CICS support.
- Client Support

Provides uniform support for any application developed with the DAL Developer's Toolkit for the Macintosh using a supported network.
- Network Support
 - Provides 3270 data-stream and APPC support. Allows SNA or non-SNA connection.
 - The client must have the supported 3270 hardware and software to emulate a 3278-type device or the supported hardware and software to do APPC communications:
 - MacDFT software and either the Apple Coax/Twinax Card, Apple Serial NB Card, or the Apple TokenTalk NB Card for the Macintosh II family of computers
 - Avatar's MacMainFrame, DCA's MacIRMA, and TriData's Netway 1000/2000

connectivity products

- Asynchronous support to hosts equipped with an appropriate protocol converter
 - APPC (LU6.2) support via Apple's SNA•ps Gateway
- Resource Usage
- 1MB of disk storage
 - 8MB of address space recommended
 - Test program verifies correct installation and usage

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 and files.
- 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 MVS/VTAM, you need the following software and hardware:

- Host Environment
 - MVS/XA version 2.2 or later, or MVS/ESA version 1.0 or later running VTAM version 3.1 or later.
 - For the CICS Passthru Program, CICS 1.7 or later with LU6.2 support is required.
 - DB2 version 1.3 or later.
 - Teradata DBC/1012 version 4.1 or later.
- Macintosh computer clients running DAL-compatible applications
- Appropriate networking hardware and software

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