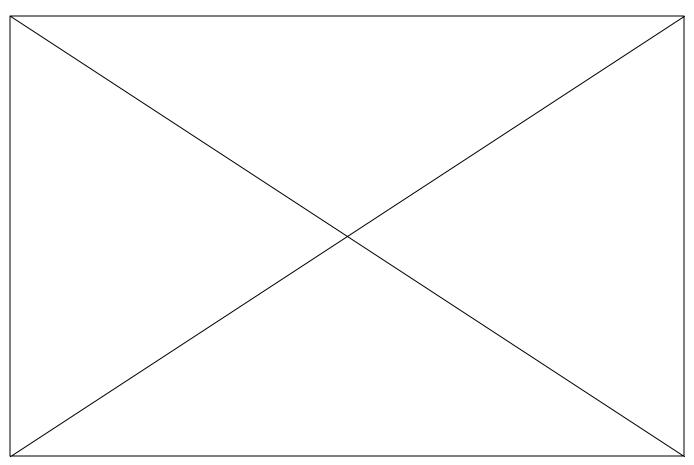
DataAccessLanguageServerforVIV/CIVIS





Overview

TheDataAccessLanguageServer forVMCMSisanetworking software product that provides DataAccessLanguageaccess to the Structured QueryLanguage/DataSystem (SQL/DS) databases on a VMCMShost system. Running on the VM/CMShost, the DataAccessLanguageServer works cooperatively with personal computer applications that support DataAccessLanguage, such as spreadsheets, databases, and query tools running on Apple® Macintosh® computers.

Atotalconnectivity solution for VM/CMS includes a dient personal computer running an application with embedded Data Access Language support, and a VM/CMS host with the Data Access Language Server. The Data Access Language Server receives requests from the personal computer application, carries the mouton VM against SQL/DS, and sends the desired data back to the application for desk top processing.

The Data Access Language Serverfor VIV/CIMS provides uniform support for Data Access Language based applications. It works with existing SQL/DS databases, operating under standard CIMS and SQL/DS security. As a result, Macintosh computer users receive seamless, transparent access to the SQL/DS data that they have been authorized to access.

Features

Benefits

| Serveroperates as a CMS task under standard VM usemame/password security | Maintains the security and integrity of VM and SQL/DS. Eliminates the need for new system administration procedures for VM or SQL/DS. |
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| UniformsupportforDataAccess Languageclients | Allows one server to support all personal computers running Data Access Language compatible Macintoshapplications. |
| Standard VM installation procedures | · Makesinstallationquickandeasy. |
| · Asynchronousoperation | Returns program control to the Macintosh so the user can perform other tasks while the DAL server carries out the requested operation on the host. |
| · Incremental compiler implementation | Improves performance for repetitive requests.Reduces the client system processing load. |
| · Supportforthe Apple 3270 API (application program interface) | Supports Apple's standard connectivity platform for communications between Macintosh computers and IBM main frames. |
| · Tracefacility | · Facilitatesdebuggingandsystemtuning. |
| Interactive utility for testing Data Access Language program statements | Facilitates debugging and system tuning. |
| · Storedprocedures | Minimizes network traffic by storing commonly executed procedures on the host, where they can be shared. |
| · Sampletables | Makes developing and testing applications easier. |
| Supportfor/Macintoshcomputersconnected via Apple Coax/Twinax Card, Token Talk®NB Card, and Apple Serial NB Cardas well as Avatar's Mad Vainframe, DCA's Mad RMA, and Tri Data's Netway 1000/2000 products | Applications can be run on Macintosh computers regardless of hardware connection to host. |

| System Rec | uirements |
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Tousethe Data Access Language Server for VM/CMS, you need the following:

- Hostenvironment:VM/SP release 4,5,6
- Macintoshcomputersrunning DataAccessLanguagecompatible applications
- SQL/DSversion1.3orlater
- Appropriate networking hardware and software

Product Details

Database Support

- ProvidesaccesstoSQL/DS databases.version1.3orlater
- Provides standard database naming, datatypes, system catalog structure, error codes, and buffer management

ClientSupport

 Provides uniform support for any application developed with Data Access Language Developer's Toolkitfor the Macintosh

Network Support

- Provides 3270 datastream support; allows SNA ornon-SNA connection
- The dient must have the supported 3270 hardware and software to emulate a 3278-type device operating in Control Unit Terminal (CUT) mode:

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- -MacDFT® software and either the Apple Coax/Twinax Cardor the Apple Token Talk NB Cardforthe Macintosh II family of systems -Avatar's MacMainframe, DCA's MacIRMA, and Tri Data's Netway 1000/2000 connectivity products

Resource Usage

- 1 megabyteofdiskstorage
- 1 megabyte virtual machine for each active user
- Testprogramverifiescorrect installationandusage



DataAccessLanguageServerforVIWCMS

Language Specifications

DataAccessLanguageisa complete language for describing connectivity tasks. The DataAccess Language language consists of these statement groups:

- Hostconnectionstatements, which establish and terminate a connection to a host system in the network, providing concurrent access to multiple hosts running Data Access Languages evers
- Data manipulation statements, which offer complete ANSI standardlevel 1, SQL-based data access to host databases
- Program structure statements, which support testing, looping, and procedure calls within a Data AccessLanguage program
- Outputstatements, which generateoutputmessagesfrom the DataAccessLanguageprogram; thesemessagesareprocessed by the client application

Ordering Information

Toorderthe Data Access Language Serverfor VWCMS, contact:

Apple Programmers and Developers Association (APDA\$)
Apple Computer, Inc. 20525 Mariani Avenue, M/S33G Cupertino, CA95014-6299 (800) 282-2732

Data Access Language Server for VM/CMS
Order No. C0163LL/B

Withyourorder, you receive:

 A9-track, 1600-bpitape containing the Data Access Language Servers of tware and the installation and configuration programs

- DataAccessLanguage Installation and Operating Guide forVM/CMS (OrderNo.M0935LL/A)
- 90daysoffreesoftware supportfromApple's Technical Answer Line. After the initial 90-day period, annual support contracts are available for a fee.

For information about licensing, contact:
Apple Software Licensing
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