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DAL: Client O.S. Runtime Environments

Article Created: 9 August 1990
Article Last Reviewed: 20 July 1992
Article Last Updated: 30 July 1992

TOPIC -----

This article discusses DAL client operating system runtime environments.

DISCUSSION -----

Macintosh

Data Access Language (DAL, formerly known as "CL/1") supports the Macintosh Operating System version 6.0.5 or later on all Macintosh hardware platforms with at least 2MB of RAM. The API is available in MPW C and Pascal object format, Think's Lightspeed C object format, and HyperCard XCMD/XFUNC format (embedded in DAL-HyperCard Help stack) for support of HyperCard 1.2 or later.

Host Servers

DAL supports the VAX/VMS operating system across the VAX hardware platform. This server supports the following DBMSs:

- Oracle
- Sybase
- Informix
- Ingres
- Rdb

DAL Server for A/UX supports the following DBMSs:

- Oracle
- Informix
- Ingres

DAL Server for VM/CMS supports the SQL/DS DBMS on VM/CMS systems.

DAL Servers for MVS/TSO and MVS/VTAM support the DB2 and Teradata DBMSs on MVS/XA and MVS/ESA systems.

Network Adapters (Communication Drivers)

Asynchronous

DAL supports async communications for VAX and A/UX with appropriate supporting hardware.

AppleTalk (ADSP)

DAL supports the AppleTalk Data Stream Protocol (ADSP) on Macintosh client systems running the ADSP driver software over the built-in AppleTalk connection or EtherTalk supporting hardware to VMS host systems running the DAL Server and AppleTalk for VMS.

ADSP Tool

DAL supports the Comm Toolbox AppleTalk Tool to VMS hosts running the DAL Server and AppleTalk for VMS.

Async CTB

DAL supports the Comm Toolbox async tools to VAX and A/UX DAL Servers.

3270 Connections

DAL supports 3270 connections on Macintosh systems equipped with hardware that supports the following 3270 solutions:

Apple MacDFT 1.1 running on:

- Coax/Twinax Card
- TokenTalk Card
- Serial NuBus Card

Tri-Data - Netway 1000, Netway 2000 - uses the Tri-Data API

Avatar - MacMainFrame - uses the Avatar API

DCA - MacIRMA Card - uses the MacIRMA API

SNA•ps Gateways running on:

- Coax/Twinax Card
- TokenTalk Card
- SDLC Card

APPC Connections

SNA•ps APPC Gateways running on any of the above NuBus cards.

Protocol Converters

Asynchronous access to protocol converters (front-ending MVS or VM) that access VT100-type output.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 5821