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DAL Developer's Toolkit for Macintosh: Details & Requirements

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TOPIC ---

This article gives the product details, language specifications, and system
requirements for the Data Access Language (DAL) Developer's Toolkit for the
Macintosh.

DISCUSSION --

Product Details

- Supplied Software
  - DAL device driver and driver installer
  - C and Pascal call libraries
  - Interactive DAL tester
  - Sample applications, including source code
  - DAL HyperCard XCMDs, including source code and sample stack
  - DAL documentation in HyperCard Help stack

- Network Support
  - Asynchronous communication, by way of direct or dial-up links
  - Support for the AppleTalk network system based on the AppleTalk Data
    Stream Protocol (ADSP)
  - Support for TCP/IP using Apple's MacTCP networking software
  - Support for the 3270 data streams and APPC (LU6.2) networking protocols
  - Support for connections to IBM hosts using Avatar's MacMainFrame, DCA's
    MacIRMA, and TriData's Netway 1000/2000 products
  - Asynchronous communication to IBM hosts equipped with protocol
    converters

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, 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.

- Execute Statement
  This permits execution of DBMS-specific commands not directly supported
  by DAL.

System Requirements

To use the DAL Developer's Toolkit for the Macintosh, you need the
following hardware and software:

- A Macintosh personal computer

- Macintosh system software version 6.0.5 or later

- The appropriate hardware and software for a supported network

- Access to a host computer with a DAL Server, and a database management
  system and networking software supported by DAL.
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