



# Tech Info Library

## DAL: Simultaneous Connections to Multiple Hosts

Article Created: 7 May 1992

\* RESTRICTED: Apple Internal and Support Providers Only \*  
Not For General Public Release

TOPIC -----

Is it possible, using DAL, to execute a JOIN query across multiple hosts and multiple databases? For example, a DAL server is installed on a MVS/TSO system and on a DEC VAX system. I would like to connect to both systems simultaneously (physically possible) and execute a query that would combine fields from tables on each system into a single query (providing that the tables have JOIN fields that can be joined). Is this possible under DAL?

DISCUSSION -----

It isn't possible to do this using DAL. In order to do what you want, DAL would have to know about the catalogs of different databases on different hosts. It isn't designed to do this.

You can connect to more than one host using two different applications or launching the same application twice. For example, you can access the DB2 on the IBM mainframe using ClearAccess, and ORACLE on VAX/VMS using Excel or launching ClearAccess again using different host connections.

Instead of using a commercial software package, you can develop your own application that uses the DAL API to access data from different databases on different hosts. The application would call CLInit to connect to the host and obtain a connection ID for each host. The application would also have to do the "joining" across host systems because this functionality isn't provided by either DAL or any host relational database.

Copyright 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: 10187