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DAL: How It Checks Communication Lines for Errors

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TOPIC -----

I'm using a Macintosh DAL client to have sessions with a DAL server running on a VAX (asynchronous) and an IBM 3090 with a 3270 card. Does DAL implement an error free data link on top of the communications channel so that glitches in the data flow do not effect the results of a query?

DISCUSSION -----

Data Access Language does not add error checking on top of the transport data link. That would produce unnecessary overhead. Instead, DAL uses the error checking provided by the transport methods. On asynchronous lines, it can specify parity, databits, stop bits, flow control, packet length, modem timeout, and dial attempts. For AppleTalk connections, DAL relies on ADSP to handle errors, and for 3270 connections, DAL uses the 3270 display station protocol (LU2) or the APPC (LU6.2) protocol.

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