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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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