

NEW NUMBER = DZDJC

DJ11 Master/Slave Exerciser

ABSTRACT

This program is designed to test the communications lines connected to a DJ11 asynchronous multiplexer. Each line of the DJ11 can be selected to act as either the "Master" line or the "Slave" line. A "Slave" line will simply echo every character it receives, regardless of the data. A "Master" line will transmit a fixed message and expects to receive the same message back. This allows for high throughput testing of a line which has this or a similar program controlling both ends. The two ends of a particular line can be:

1. on the same DJ11
2. on two separate DJ11's on the same processor
3. on DJ11's on different processors or
4. on a DJ11 on one processor and another type asynchronous device on another processor with compatible software.

REQUIREMENTS

PDP-11 standard computer with console teletype up to 8 DJ11 asynchronous multiplexers.

STORAGE = 0 = 17500

LOADING = Absolute Loader

EXECUTION TIME = 1/2 minute = Bell on pass complete

STARTING PROCEDURE = start at 200
restart at 1000

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW15 ... HALT ON ERROR
 SW13 ... INHIBIT PRINTOUT
 SW12 ... INHIBIT TRACE TRAPPING
 SW10 ... BELL ON ERROR

SW217 = 0 ... BINARY COUNT PATTERN
 1 ... "THE QUICK BROWN FOX..."
 2 ... ALPHA-NUMERIC (40=177)
 3-7 ... NOT USED