Options

Default Conditions

Since the LOADHEX and SAVEHEX functions utilize the ACI for communication to the robot controller, several default conditions are implied. These default values are:

Baud Rate: 2400
Communication channel (COM1 or COM2): 1
Robot Slave Number: 1

If these defaults must be changed, then entering the appropriate item as an option will change them.

Option Selection

Both the LOADHEX and the SAVEHEX functions have the same option passing format. The option field of the command line is identified by the ´-´ character that precedes the option list. The option list must not contain any characters other than numbers (0-9) or characters ´A-Z´ or ´a-z´. The option list must appear as a contiguous string of option characters.

b   baud rate option. For example -b2400 for the default of 2400 bps, or -b1200. The following values are valid:
        150,300,600,1200,2400. Numerical selections also include 4800, 9600, 19200, 38400, 57600 baud. These baud rate selections will be used with the high speed communication adaptor.
c   communication channel. The only available selections are -c1 for COM1, or -c2 for COM2. only one numerical digit is expected after the ´c´ character.
n   robot slave number. For example -n1 for robot slave 1 (default), or -n100 for slave #100. The valid numerical range is 1-127. 1 to 3 numerical digits are expected.

Examples of valid command lines are:

LOADHEX TEST -B1200N2C2

Examples of incorrect command lines are:
LOADHEX TEST -BC2
        ´B´ for baud rate must be followed by a number.
LOADHEX TEST -B1200 C2
        There must not be a space between the baud rate option and the communication channel selection option. Correct use would be:
        LOADHEX TEST -B1200C2