NAME

xidump - For sending & receiving bulk data to/from Xilinx Teaching Boards

SYNOPSIS

xidump *host* [*port_or_service*]

INTRODUCTION

Please read the documentation on the Xilinx Teaching Board (XTB) if you have not already done so.

XIDUMP is a simple program for sending files of suitable commands to XTBs connected to the port of some machine. It expects the data on the standard input, and sends to the standard output the returned codes from the XTB.

The commands are checked as they are sent, as are the returned codes from the XTB. An 'X' or 'T' error from the XTB will cause the program to abort with an error level of 1.

SYNTAX

The syntax is as follows:

xidump *host* [*port_or_service*]

eg. xidump selby9-r < flasherout.xil

host specifies the host.

port_or_service
can be used to specify a port number or a service name. The default is 'telnet'.

NOTES

Xidump is written in Perl.

It counts the number of commands sent and checks the number of responses received, printing all received data to stdout. When the number of commands sent equals the number of codes received it exits.

Note that if the last command sent returns hex data (ie is an R,L,or S), then you may not get that data back, because the script only counts commands and not data to know when to exit. To get around this, send an extra command, eg a K, on the end when you are interested in receiving all the returned data.

SEE ALSO

xiload, RAMPROM documentation

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