Appendix **C**   **Configuration File Summary**

This appendix contains a quick reference list of the keyword values which NCSA Telnet allows in its configuration file.

There are two sections in this appendix. The first list contains the PC configuration entries which apply to the overall program or to all sessions. The second section contains the list of attributes which you may assign to individual sessions. Each keyword has an example value and a one-line summary of its purpose. For details on allowed values, see Chapter 7, "Installation and Configuration." A template CONFIG.TEL file is included on the distribution disk.

Local Configuration

address=d000 in hex.	gives segment address of the Ethernet	board's shared memory
arptime=3	gives local network timeout for ARP	requests.
bios=no	uses BIOS or write directly to screen.	
broadcast=x.x.x.x	uses IP number for broadcast	packets.
capfile="\mycapture"	specifies a name for the capture file.	
capfile=prn	specifies capture file is printer device	(PRN).
clock=off	displays clock on screen.	
domain="ncsa.uiuc.edu"	gives default domain suffix.	
domaintime=2	gives domain lookup timeout per retry.	
domainretry=4	gives number of times to query domain	nameserver(s).
ftp=yes	enables or disables FTP server , default is	yes.
hardware=3C501 WD8003, 3C523,	assigns type of Ethernet hardware to use: NICPS2, etc. (See introduction for	3C501, PCNIC, NI5210,

	complete list of Ethernet adapter board list.)
`hpfile=COM1`	attaches HP plotter to COM1.
`hpfile=hp.out`	assigns filename for HPGL codes for graphics to go to.
`interrupt=3`	gives interrupt number for the Ethernet board.
`ioaddr=360`	gives I/O base address of the Ethernet board in hex.
`myip=BOOTP`	queries the BOOTP server for my IP address.
`myip=RARP`	queries the RARP server for my IP address.
`myip=10.0.0.51`	assigns IP address to use for the PC.
`netmask=255.255.255.0`	sets subnet mask for your local network.
`passfile="\mypasswd"`	gives filename for FTP usernames and passwords.
`psfile=ps.out`	gives filename for PostScript output.
`rcp=yes`	enables and disables rcp server, default is yes.
`tekfile=tek.out`	assigns filename for Tektronix 4014 codes when output to disk.
`tek=yes`	enables and disables Tektronix graphics mode.
`termtype="vt100"`	sends terminal type to all machines you've attempted to connect to.
`video=ega`	assigns video display to use: cga, ega, hercules, no9.
`windowgoaway=yes` session	Close the telnet window without prompting when a machine's closes.
`wire=thin` 3C503	determines which type of ethernet connection (thin or thick) the ethernet card is using.

Host-Specific Parameters

NOTE: The keyword `name` is special because it separates entries.

`clearsave=yes`   saves cleared screen into scrollback region.

`contime=10`   sets connection timeout in seconds.

`copyfrom=nic`   copies all missing parameters from a previous   session.

`crmap=4.3BSDCRNUL`   changes sets of codes for carriage return.

`duplex=half`   sets local echo, but sends all character   immediately.

`erase=delete`   sets BACKSPACE key to "backspace" or   "delete."

`gateway=1`   sets gateway precedence; starts at 1, goes up by   ones.

`host=sri-nic.arpa`   sets hostname or alternate name. Usually full   domain name.

`hostip=10.0.0.51`   sets IP address of the host. Required if   nameserver not used.

`maxseg=512`   sets limit on incoming packet size, given as TCP   MSS option.

`mtu=512`   establishes limit on outgoing packet size.

`name=nic`   sets session name, separates lists of   parameters for sessions.

`nameserver=1`   sets nameserver precedence; starts at 1, goes up   by ones.

`nbcolor=black`   gives normal background color.

`nfcolor=white`   gives normal foreground color.

`rbcolor=white`   gives reverse background color.

`retrans=7`   sets initial retransmit timeout in 18ths of a   second.

`rfcolor=black`   sets reverse, foreground color.

`rwin=512`   sets TCP receive window, can make up for low   performance hardware.

`scrollback=100`   establishes number of lines of scrollback for this   session.

ubcolor=black   designates underline, background color. Black,   blue, green, cyan, red,
magenta, yellow, white.

ufcolor=blue   designates underline, foreground color.