NAME
X386 - X Window System server for UNIX System V/386

SYNOPSIS
X386 [:displaynumber] [-option ...] [ttyname]

DESCRIPTION
X386 is the name for the UNIX System V/386 server. It supports various VGA boards in 256 color mode.

STARTING THE SERVER
The server is usually started from the X Display Manager program xdm. This utility is run from the system boot files and takes care of keeping the server running, prompting for usernames and passwords, and starting up the user sessions. It is easily configured for sites that wish to provide nice, consistent interfaces for novice users (loading convenient sets of resources, starting up a window manager, clock, and nice selection of terminal emulator windows).

Installations that run more than one window system will still need to use the xinit utility. However, xinit is to be considered a tool for building startup scripts and is not intended for use by end users. Site administrators are strongly urged to build nicer interfaces for novice users.

When X386 starts up, it garbs the next free virtual terminal. You can switch between virtual terminals and run more than one server at one time.

NETWORK CONNECTIONS
X386 server supports connections made using the following reliable byte-streams:

AT&T local
X386 uses /dev/X/server. as the filename for the STREAMS pty, where n is the display number.

ISC local
X386 uses /tmp/.X11-unix/X. as the filename for the STREAMS pipe, where n is the display number.

SCO local
X386 uses /dev/X[n][RW] as the filename for the STREAMS pipe, where n is the display number.

TCP/IP
X386 listens on port htons(6000+n), where n is the display number.

OPTIONS
X386 accepts the following command line options:

−a number  sets pointer acceleration (i.e. the ratio of how much is reported to how much the user actually moved the pointer).

bc  disables certain kinds of error checking, for bug compatibility with previous releases (e.g., to work around bugs in R2 and R3 xterms and toolkits). Deprecated.

−c  turns off key-click.

c volume  sets key-click volume (allowable range: 0-100).

-cc class  sets the visual class for the root window of color screens. The class numbers are as specified in the X protocol.

−co filename  sets name of RGB color database.

−f volume  sets feep (bell) volume (allowable range: 0-100).

-fc cursorFont  sets default cursor font.

−fn font  sets the default font.
−fp.fontPath
sets the search path for fonts. This path is a comma separated list of directories which the
sample server searches for font databases.
−help
prints a usage message.
−I
causes all remaining command line arguments to be ignored.
−logo
turns on the X Window System logo display in the screen-saver. There is currently no way to
change this from a client.
no logo
turns off the X Window System logo display in the screen-saver. There is currently no way to
change this from a client.
−p.minutes
sets screen-saver pattern cycle time in minutes.
−r
turns off auto-repeat.
r
turns on auto-repeat.
−s.minutes
sets screen-saver timeout time in minutes.
−su
disables save under support on all screens.
−t.number
sets pointer acceleration threshold in pixels (i.e. after how many pixels pointer acceleration
should take effect).
−to.seconds
sets default connection timeout in seconds.
−V
sets video-on screen-saver preference.
−v
sets video-off screen-saver preference.
−debug
turn on some internal tracing.

KEYBOARD
CTRL+ALT+BS
kill the server
CTRL+ALT+KP_+
increase video resolution
CTRL+ALT+KP_-
decrease video resolution

FILES
/usr/lib/X11/X386/Xconfig Server configurations
Font directories
/usr/lib/X11/rgb.txt Color database
/dev/X/*, /dev/X*[RW], /tmp/.X11-unix/X*
STREAMS pipes/pttys
/usr/adm/X*msgs Error log file

SEE ALSO
X(1), xdm(1), xinit(1), xterm(1), twm(1), xset(1), xsetroot(1)

BUGS
Currently only numeric arguments from #000000 to # ffffff are accepted for default BlackPixel
and WhitePixel, and no screen number is accepted.
Starting clients while being on another virtual screen may destroy the original screen content.
Workaround: use xrefresh to get a proper screen.
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AUTHORS
The sample server was originally written by Susan Angebranndt, Raymond Drewry, Philip Karlton, and Todd Newman, from Digital Equipment Corporation, with support from a large cast. It has since been extensively rewritten by Keith Packard and Bob Scheifler, from MIT. The port to System V/386 was done by Thomas Roell.

ACKNOWLEDGEMENTS
Arne Ludwig,
- porting X386 to ISC 2.2 and TCP/IP

John L. Coolidge,
- providing some superior ideas for build shared libs

James R. Van Artsdalen,
- finding soo much bugs and adapting the Sigma Legend

Mike Knister & Cuck Murcko
- porting X386 to ESIX and do a lot of testing