X Window System, Version 11, Release 6.1

Contrib Manifest

X11 Release 6.1 includes a contrib part consisting only of software contributed by the X Consortium or staff members. Contrib software from other parties continues to be available as part of Release 6 and in the /contrib directory of ftp.x.org and X mirror sites.

This document is a walk-through of the directories of the X11R6.1 contrib part.

Where programs have provided a top-level *.man* file, the line that "*man −k*" would extract from that file is shown. For other packages, if there is a succinct description of the software near the top of a *README* file, that is given here.

The software in the contrib part is not guaranteed to build or run on any particular platform. All questions regarding contributed software should be directed to the authors, not to the X Consortium.

You will need approximately 35 megabytes of storage to unpack the entire R6.1 contrib part. See *Building and Installing the X Window System* for general guidelines on unpacking the distribution and building contrib software.

Patches to some of this software can usually be found in the directory pub/R6.1/contrib-fixes on ftp.x.org or your local X mirror site, using anonymous FTP. Entirely new versions of some packages may be found in the appropriate subdirectory of /contrib on ftp.x.org or your local X mirror site.

And now the software, directory by directory:

doc

documentation on various items:

CLX	Common Lisp interface to X
papers/tutorials	various papers, including the comp.windows.x FAQ
PHIGS	PHIGS interface to PEX
Xserver	X server internals

examples

Sample programs for Fresco.

extensions

extensions/screensaver

a hack screen saver extension

lib

lib/CLX

Common Lisp X interface library.

lib/pcthreads

POSIX pthreads to MACH cthreads interface routines

lib/PHIGS

3D graphics library interface to PEX using the PHIGS bindings.

programs

a2x	converts ASCII into X device events
auto_box	display a rotating cube using PHIGS
beach_ball	display a bouncing sphere using PHIGS
dbedizzy	demo of DBE creating a double buffered spinning scene
dish	Tcl application allowing invocation of Fresco objects
fdraw	graphics editor supporting instancing and embedding widgets
gpc/plbpex	picture level benchmark program
i2mif	IDL to FrameMaker Interchange Format, generate docs from IDL
ico	animate an icosahedron or other polyhedron
ixx	IDL compiler, generates C++
listres	list resources in widgets
MacFS	font server for Macintosh
maze	demo repeatedly creating and solving a random maze
puzzle	15-puzzle game for X
showfont	font dumper for X font server
viewres	graphical class browser for Xt
xbiff	mailbox flag for X

xcalc	scientific calculator for X
xditview	display ditroff output
xedit	simple text editor for X
xev	print contents of X events
xeyes	a follow the mouse X demo
xfontsel	point and click selection of X11 font names
xgas	animated simulation of an ideal gas
xgc	X graphics demo
xload	system load average display for X
xman	Manual page display program for the X Window System
xmessage	display a message or query in a window (X-based /bin/echo)
xpr/xdpr	dump an X window directly to a printer
xpr	print an X window dump
xvidtune	video mode tuner for XFree86

test

InsPEX	PEX test suite using PHIGS
record	obsolete tests for RECORD extension
suspex	PEX test suite using PEXlib
Xcms	Xcms test program
Xext	tests for some extensions: SHAPE, MIT-SHM, SYNC, Multi-Buffering, XTEST
Xi	tests for X Input Extension
Xkb	XKB demo, test, and debugging programs
xsm	xsmclient – X session manager tester

util

att-nameserver	old name server for SVR3 network software
PHIGS	convert previous version of PHIGS to ISO standard version

Motif

Software that requires Motif. Motif is not part of the X distribution.

mxkbledpanel	Motif-based XKB LED panel