Rocky Enterprise Linux 9.2 Manual Pages on command 'XStandards.7'

$ man XStandards.7

XSTANDARDS(7)   Miscellaneous Information Manual   XSTANDARDS(7)

NAME

    XStandards - X Window System Standards and Specifications

DESCRIPTION

    The major goal of the X Consortium was to promote cooperation within the computer industry

    in the creation of standard software interfaces at all layers in the X Window System envi?

    ronment. The X Consortium produced standards - documents which defined network protocols,

    programming interfaces, and other aspects of the X environment. These standards continue

    to exist in the X.Org Foundation releases. The X.Org Foundation also produces specifica?

    tions. Like X Window System Standards, these are documents which define network proto?

    cols, programming interfaces, and other aspects of the X environment. Under the aegis of

    The Open Group, X Window System standards, X.Org Foundation specifications, and other

    specifications are the basis for portions of The Open Group's various CAE specifications.

    The status of various standards, specifications, and the software in the X11R7.0 distribu?

    tion, is explained below.

STANDARDS

    The following documents are X Window System standards:

    X Window System Protocol

    X Version 11, Release 7.0

    Robert W. Scheifler

    Xlib - C Language X Interface

    X Version 11, Release 7.0

    James Gettys, Robert W. Scheifler, Ron Newman

X Toolkit Intrinsics - C Language Interface

X Version 11, Release 7.0

Joel McCormack, Paul Asente, Ralph R. Swick, Donna Converse

Bitmap Distribution Format

Version 2.1

X Version 11, Release 7.0

Inter-Client Communication Conventions Manual

Version 2.0

X Version 11, Release 7.0

David Rosenthal, Stuart W. Marks

Compound Text Encoding

Version 1.1

X Version 11, Release 7.0

Robert W. Scheifler

X Logical Font Description Conventions

Version 1.5

X Version 11, Release 7.0

Jim Flowers, Stephen Gildea

X Display Manager Control Protocol

Version 1.1

X Version 11, Release 7.0

Keith Packard

X11 Nonrectangular Window Shape Extension

Version 1.0.1

X Version 11, Release 7.0

Keith Packard

X11 Input Extension Protocol Specification

Version 1.0

X Version 11, Release 7.0

George Sachs, Mark Patrick

X11 Input Extension Library Specification

X Version 11, Release 7.0

Mark Patrick, George Sachs

The X Font Service Protocol

Version 2.0

X Version 11, Release 7.0

Jim Fulton

Inter-Client Exchange (ICE) Protocol

Version 1.0

X Version 11, Release 7.0

Robert Scheifler, Jordan Brown

Inter-Client Exchange (ICE) Library

Version 1.0

X Version 11, Release 7.0

Ralph Mor

X Session Management Protocol

Version 1.0

X Version 11, Release 7.0

Mike Wexler

X Session Management Library

Version 1.0

X Version 11, Release 7.0

Ralph Mor

The Input Method Protocol

Version 1.0

X Version 11, Release 7.0

Masahiko Narita, Hideki Hiura

X Synchronization Extension

Version 3.0

X Version 11, Release 7.0

Tim Glauert, Dave Carver, Jim Gettys, David P. Wiggins

XTEST Extension

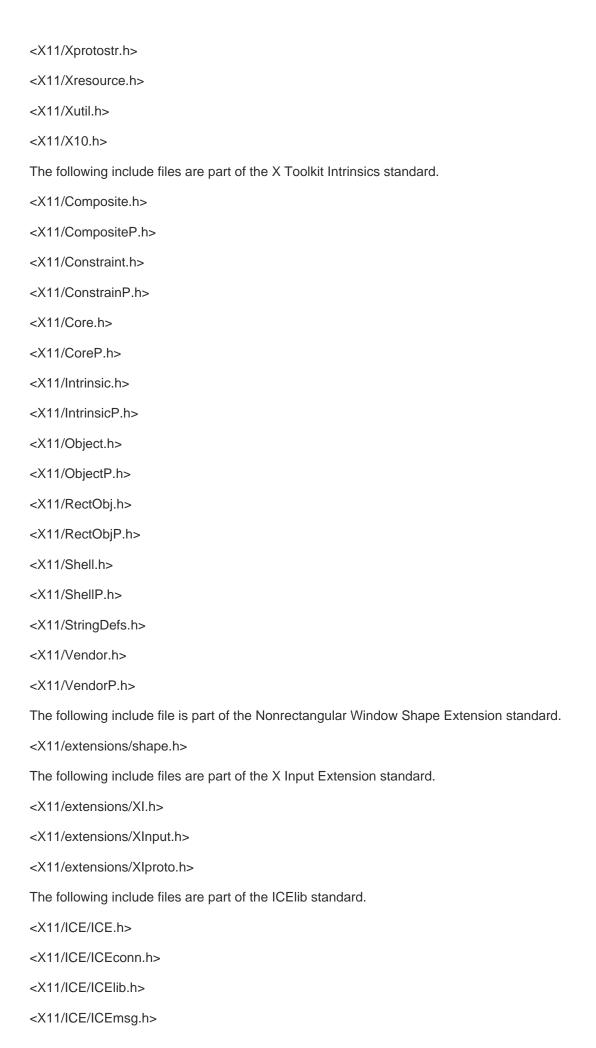Version 2.2

Kieron Drake

Big Requests Extension

Version 2.0

X Version 11, Release 7.0

Bob Scheifler

XC-MISC Extension

Version 1.1

X Version 11, Release 7.0

Bob Scheifler, Dave Wiggins

Double Buffer Extension

Version 1.0

Ian Elliott, David P. Wiggins

Record Extension Protocol

Version 1.13

Martha Zimet, Stephen Gildea

Record Extension Library

Version 1.13

Martha Zimet, Stephen Gildea

X Keyboard Extension Protocol

X Version 11, Release 7.0

Erik Fortune

X Keyboard Extension Library

X Version 11, Release 7.0

Amber J. Benson, Gary Aitken, Erik Fortune, Donna Converse,

George Sachs, and Will Walker

X Print Extension Protocol

X Version 11, Release 7.0

X Print Extension Library

X Version 11, Release 7.0

X Application Group Extension Protocol and Library

Version 1.0

X Version 11, Release 7.0

Kaleb Keithley

X Security Extension Protocol and Library

Version 4.0

X Version 11, Release 7.0

Dave Wiggins

X Proxy Manager Protocol

X Version 11, Release 7.0

Ralph Swick

LBX Extension Protocol and Library

X Version 11, Release 7.0

Keith Packard, Dave Lemke, Donna Converse, Ralph Mor, Ray Tice

Remote Execution MIME Type

Version 1.0

X Version 11, Release 7.0

Arnaud Le Hors

SPECIFICATIONS

The following documents are X Project Team specifications:

Colormap Utilization Policy and Extension

Version 1.0

Kaleb Keithley

Extended Visual Information Extension

Version 1.0

Peter Daifuku

X Display Power Management (DPMS) Extension Protocol and Library

Version 1.0

Rob Lembree

INCLUDE FILES

The following include files are part of the Xlib standard.

<X11/cursorfont.h>

<X11/keysym.h>

<X11/keysymdef.h>

<X11/X.h>

<X11/Xatom.h>

<X11/Xcms.h>

<X11/Xlib.h>

<X11/Xlibint.h>

<X11/Xproto.h>

<X11/Xprotostr.h>

<X11/Xresource.h>

<X11/Xutil.h>

<X11/X10.h>

The following include files are part of the X Toolkit Intrinsics standard.

<X11/Composite.h>

<X11/CompositeP.h>

<X11/Constraint.h>

<X11/ConstrainP.h>

<X11/Core.h>

<X11/CoreP.h>

<X11/Intrinsic.h>

<X11/IntrinsicP.h>

<X11/Object.h>

<X11/ObjectP.h>

<X11/RectObj.h>

<X11/RectObjP.h>

<X11/Shell.h>

<X11/ShellP.h>

<X11/StringDefs.h>

<X11/Vendor.h>

<X11/VendorP.h>

The following include file is part of the Nonrectangular Window Shape Extension standard.

<X11/extensions/shape.h>

The following include files are part of the X Input Extension standard.

<X11/extensions/XI.h>

<X11/extensions/XInput.h>

<X11/extensions/XIproto.h>

The following include files are part of the ICElib standard.

<X11/ICE/ICE.h>

<X11/ICE/ICEconn.h>

<X11/ICE/ICElib.h>

<X11/ICE/ICEmsg.h>

<X11/ICE/ICEproto.h>

<X11/ICE/ICEutil.h>

The following include files are part of the SMlib standard.

<X11/SM/SM.h>

<X11/SM/SMlib.h>

<X11/SM/SMproto.h>

The following include file is part of the Synchronization standard.

<X11/extensions/sync.h>

The following include file is part of the XTEST standard.

<X11/extensions/XTest.h>

The following include file is part of the Double Buffer Extension standard.

<X11/extensions/Xdbe.h>

The following include file is part of the Record Library standard.

<X11/extensions/record.h>

The following include files are part of the X Keyboard Extension Library standard.

<X11/XKBlib.h>

<X11/extensions/XKB.h>

<X11/extensions/XKBproto.h>

<X11/extensions/XKBstr.h>

<X11/extensions/XKBgeom.h>

The following include files are part of the X Print Extension Library standard.

<X11/extensions/Print.h>

<X11/extensions/Printstr.h>

The following include files are part of the X Application Group Extension Library stan?

dard.

<X11/extensions/Xag.h>

<X11/extensions/Xagstr.h>

The following include files are part of the X Security Extension Library standard.

<X11/extensions/security.h>

<X11/extensions/securstr.h>

The following include files are part of the LBX Extension library standard.

<X11/extensions/XLbx.h>

<X11/extensions/lbxbuf.h>

<X11/extensions/lbxbufstr.h>

<X11/extensions/lbxdeltastr.h>

<X11/extensions/lbximage.h>

<X11/extensions/lbxopts.h>

<X11/extensions/lbxstr.h>

<X11/extensions/lbxzlib.h>

The following include files are part of the Colormap Utilization Policy and Extension specification.

<X11/extensions/Xcup.h>

<X11/extensions/Xcupstr.h>

The following include files are part of the Extended Visual Information specification.

<X11/extensions/XEVI.h>

<X11/extensions/XEVIstr.h>

The following include files are part of the X Display Management Signaling Extension spec‐ification.

<X11/extensions/dpms.h>

<X11/extensions/dpmsstr.h>

NON STANDARDS

The X11R7.0 distribution contains sample implementations, not reference implementations. Although much of the code is believed to be correct, the code should be assumed to be in error wherever it conflicts with the specification.

The only X Window System standards are the ones listed above. No other documents, include files, or software in X11R7.0 carry special status within the X Window System. For exam‐ple, none of the following are standards: internal interfaces of the sample server; the MIT-SHM extension; the Athena Widget Set; the Xmu library; the Xau library; the RGB data‐base; the X Locale database; the fonts distributed with X11R7.0; the applications distrib‐uted with X11R7.0; the include files <X11/XWDFile.h>, <X11/Xfuncproto.h>, <X11/Xfuncs.h>, <X11/Xosdefs.h>, <X11/Xos.h>, <X11/Xos_r.h>, <X11/Xwinsock.h>, and <X11/Xthreads.h>; the bitmap files in <X11/bitmaps>.

The Multi-Buffering extension was a draft standard of the X Consortium but has been super‐seded by DBE as a standard.

X REGISTRY

The X.Org Foundation maintains a registry of certain X-related items, to aid in avoiding

conflicts and to aid in sharing of such items.

The registry is published as part of the X Window System software release. The latest
version may also be found at

  ftp://ftp.x.org/pub/DOCS/registry

The X Registry and the names in it are not X Window System standards.

X Version 11   xorg-docs 1.7.1   XSTANDARDS(7)