README for X11R6.7.0

The X.Org Foundation

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Abstract

X11R6.7.0 is an Open Source version of the X Window System that supports many UNIX(R) and UNIX-like operating systems (such as Linux, FreeBSD, NetBSD, OpenBSD and Solaris x86) on Intel and other platforms. This version is compatible with X11R6.6, and is based on the XFree86 4.4.0RC2 code base, which, in turn was based on the X Consortium X11R6.6 and earlier sample implementations.

1. What is X11R6.7.0?

X11R6.7.0 is the seventh full release in the X11R6.7 series.

X11R6.7 is the current X.Org Foundation release series, based on the XFree86 4.x code base. The first release in the XFree86 4.x series was in early 2000. The core of X11R6.7 is a modular X server. The 6.7.0 version is a new release that includes additional hardware support, functional enhancements and bug fixes. Specific release enhancements can be viewed in the Release Notes.

Most modern PC video hardware is supported in X11R6.7.0, and most PC video hardware that isn't supported explicitly can be used with the "vesa" driver. The Release Notes has a table showing the drivers provided with X11R6.7.0, and links to related documentation.

The X.Org Foundation X releases are produced by the X.Org Foundation. The X.Org Foundation has been formed as a Delaware corporation organized to operate as a scientific charity under IRS code 501(c)(3) to chartered to develop and execute effective strategies which provide world-wide stewardship of the X Window System technology and standards. Membership in the X.Org Foundation is free to all participants. Applications for Membership are now being accepted, and active participants in the further development of the X Window Technology are invited to complete a membership application `<URL:http://www.x.org/XOrg_Foundation_Membership.html>`. The X11R6.7.0 codebase is based on the codebase found in XFree86™ 4.4RC2, which in turn was based on the original X Window System sample implementation from the X Consortium and it's successors. This release is dedicated to the greater X community, developers and users alike.

XFree86™ is produced by The XFree86 Project, Inc through the work of a group of volunteer independent developers. The XFree86 Project is a non-commercial organisation and XFree86 would not exist without the invaluable development contributions of volunteers from around the world.

2. Licensing

X Window System source code is covered by many licenses. All of these licenses have in common the fact that they do not impose significant conditions on the modification or redistribution or either source code or binaries beyond requiring one or more of the following:

1. Copyright and/or license notices are left intact.

2. Copyright and/or license notices are reproduced verbatim in documentation accompanying binary distributions.

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Most of these licenses are based on the MIT, X Consortium, or BSD (original and revised) licenses. All of them are consistent with the Open Source Definition, and most are consistent with the Free Software Foundation's Free Software Definition.

Copyright and Licensing information for X, including the reproduction of copyright and/or license notices and attributions required by some of the licenses for binary distributions, can be found in the License Document. If you find any omissions in that document, please contact us with details at <xf_board@x.org>. While the current licenses are all open source licenses, the X.Org Foundation is attempting, with time, to bring as much as possible of the code's licenses in the distribution into compliance with the Debian Free Software Guidelines.

3. Pointers to additional information

The documentation for this release can be found online at the X.Org web site <URL:http://wiki.x.org/>. Information about binary distributions and the attendant installation instructions can be found in the Installation Document.

The X11 version numbering system (including historical information) can be found in the Versions Document.

Additional information may be available at the X.Org Foundation Wiki <URL:http://wiki.x.org/>.

4. The Public Mailing Lists

Current information about the X.Org Foundation public mailing lists is available on the X.Org mailing list page <URL:http://www.x.org/XOrg_Foundation_Join_OpenLists.html> and related desktop technology mailing lists can be found on Freedesktop.org's mailing list page <URL:http://freedesktop.org/mailman/listinfo>.

5. Contributing to the X.Org Foundation's X efforts.

If you have any new work or enhancements/bug fixes for existing work, please send them to <xorg@freedesktop.org> or to our bug tracking system <URL:http://bugzilla.freedesktop.org/> using the xorg component. This will ensure that they are included in future releases.

6. How to get X11R6.7.0

X11R6.7.0 can be found from the X.Org Foundation wiki at <URL:http://wiki.x.org>, and at mirrors of this server. Information about obtaining and installing binary distributions of this release can be found in the Installation Document. Information about obtaining the release in source form is given below.

The source for version 6.7.0 is split into seven tarballs:

```
X11R6.7.0-src1.tar.gz
X11R6.7.0-src2.tar.gz
X11R6.7.0-src3.tar.gz
X11R6.7.0-src4.tar.gz
X11R6.7.0-src5.tar.gz
X11R6.7.0-src6.tar.gz
X11R6.7.0-src7.tar.gz
```

The first three contain everything except the fonts and general X11 documentation. Those three are sufficient for building X11R6.7.0 if you already have a set of fonts. The fourth and fifth contain the fonts. The sixth contains the source for the general X11 documentation. The seventh contains the general X11 documentation in hardcopy format.

To format the X11R6.7.0 documentation use the latest version of our doctools package available from the Xorg CVS repository's "doctools" module.

The X source code for this and all releases/snapshots as well as development versions can also be accessed via the Freedesktop.org CVS repository. It's also possible to browse the freedesktop CVS repository <URL:http://cvs.freedesktop.org/>. The CVS tag for this version is "XORG-6_7_0". The CVS tag for the stable branch for this release is "XORG-6_7-branch". To check out the latest development version, don't specify any tag.

7. Reporting Bugs

Bugs should be reported to bug tracking system <URL:http://bugzilla.freedesktop.org/> using the xorg compoent. Before reporting bugs, please check the server log file, which can be found at /var/log/Xorg.0.log on most platforms. If you can't resolve the problem yourself, send the entire log file with your bug report but not the operating system core dump. Do not edit the log file as our developers use it to reproduce and debug your problem. Please attach it to your bug report.

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$Id: README.sgml,v 1.1.4.5.2.4 2004/04/07 03:58:09 keithp Exp $.
```