

xorg.conf メモ(作り方)

2008年04月03日 00時18分05秒

FreeBSD/amd64 RELEASE 7.0 で作成する xorg.conf のメモ。

Xorg -configure

root で実行。

```
amanda# Xorg -configure

X.Org X Server 1.4.0
Release Date: 5 September 2007
X Protocol Version 11, Revision 0
Build Operating System: FreeBSD 7.0-RELEASE amd64
Current Operating System: FreeBSD amanda.hogehoge.jp 7.0-RELEASE FreeBSD
7.0-RELEASE #0: Sun Feb 24 10:35:36 UTC 2008
root@driscoll.cse.buffalo.edu:/usr/obj/usr/src/sys/GENERIC amd64
Build Date: 22 March 2008 07:11:21PM

        Before reporting problems, check http://wiki.x.org
        to make sure that you have the latest version.
Module Loader present
Markers: (--) probed, (**) from config file, (==) default setting,
        (++) from command line, (!!) notice, (II) informational,
        (WW) warning, (EE) error, (NI) not implemented, (??) unknown.
(==) Log file: "/var/log/Xorg.0.log", Time: Tue Apr 1 21:32:50 2008
List of video drivers:
    ati
    atimisc
    r128
    radeon
    nv
    i810
    radeonhd
    via
    intel
    vesa
    vga

(++) Using config file: "/root/xorg.conf.new"

Xorg detected your mouse at device /dev/sysmouse.
Please check your config if the mouse is still not
operational, as by default Xorg tries to autodetect
the protocol.
```

```
Your xorg.conf file is /root/xorg.conf.new
```

```
To test the server, run 'X -config /root/xorg.conf.new'
```

```
amanda#
```

xorg.conf

出来上がったファイル /root/xorg.conf.new を /etc/X11/xorg.conf にコピーして一度 root から抜ける。そして startx してみる。驚いた。ちゃんと radeonhd ドライバ選択してたよ。

使っているマザーは Asus M2A-VM HDMI □ オンボードチップが ATI Radeon Xpress 1250 の機能を提供しとります。以下は xorg.conf□

```
Section "ServerLayout"
    Identifier      "X.org Configured"
    Screen          0  "Screen0"  0  0
    InputDevice     "Mouse0"  "CorePointer"
    InputDevice     "Keyboard0" "CoreKeyboard"
EndSection

Section "Files"
    RgbPath          "/usr/local/share/X11/rgb"
    ModulePath       "/usr/local/lib/xorg/modules"
    FontPath         "/usr/local/lib/X11/fonts/misc/"
    FontPath         "/usr/local/lib/X11/fonts/TTF/"
    FontPath         "/usr/local/lib/X11/fonts/OTF"
    FontPath         "/usr/local/lib/X11/fonts/Type1/"
    FontPath         "/usr/local/lib/X11/fonts/100dpi/"
    FontPath         "/usr/local/lib/X11/fonts/75dpi/"
EndSection

Section "Module"
    Load             "extmod"
    Load             "record"
    Load             "dbe"
    Load             "glx"
    Load             "GLcore"
    Load             "xtrap"
    Load             "dri"
    Load             "freetype"
    Load             "type1"
EndSection

Section "InputDevice"
    Identifier       "Keyboard0"
    Driver           "kbd"
EndSection
```

```
Section "InputDevice"
    Identifier "Mouse0"
    Driver "mouse"
    Option "Protocol" "auto"
    Option "Device" "/dev/sysmouse"
    Option "ZAxisMapping" "4 5 6 7"
EndSection

Section "Monitor"
    Identifier "Monitor0"
    VendorName "Monitor Vendor"
    ModelName "Monitor Model"
EndSection

Section "Device"
    ### Available Driver options are:-
    ### Values: <i>: integer, <f>: float, <bool>: "True"/"False",
    ### <string>: "String", <freq>: "<f> Hz/kHz/MHz"
    ### [arg]: arg optional
    #Option "NoAccel" # [<bool>]
    #Option "SWcursor" # [<bool>]
    #Option "shadowfb" # [<bool>]
    #Option "ignoreconnector" # [<str>]
    #Option "forcereduced" # [<bool>]
    #Option "forcedpi" # <i>
    #Option "useconfiguredmonitor" # [<bool>]
    #Option "HPD" # <str>
    #Option "NoRandr" # [<bool>]
    #Option "RRUseXF86Edid" # [<bool>]
    #Option "RROutputOrder" # [<str>]
    Identifier "Card0"
    Driver "radeonhd"
    VendorName "ATI Technologies Inc"
    BoardName "Radeon X1200 Series"
    BusID "PCI:1:5:0"
EndSection

Section "Screen"
    Identifier "Screen0"
    Device "Card0"
    Monitor "Monitor0"
    SubSection "Display"
        Viewport 0 0
        Depth 1
    EndSubSection
    SubSection "Display"
        Viewport 0 0
        Depth 4
    EndSubSection
    SubSection "Display"
        Viewport 0 0
```

```
        Depth      8
    EndSubSection
    SubSection "Display"
        Viewport    0 0
        Depth      15
    EndSubSection
    SubSection "Display"
        Viewport    0 0
        Depth      16
    EndSubSection
    SubSection "Display"
        Viewport    0 0
        Depth      24
    EndSubSection
EndSection
```

アンダーバー (_) が入力できないことへの対応。

キーボードのInputDeviceセクションを以下の様に修正してXを再起動。

```
Section "InputDevice"
    Identifier "Keyboard0"
    Driver     "kbd"
    Option "XkbRules" "xorg"
    Option "XkbModel" "jp106"
    Option "XkbLayout" "jp"
#    Option "XkbVariant" "jp"
    Option "XkbCompat" ""
EndSection
```

参照 : [95: X上でアンダーバーが打てない](#)

compiz-fusion

Linuxでは動いているようだけど、参照 : [xorg-driver-fglrx](#)による[ATI Radeon Xpress 1250](#)のOpenGL(3D)機能の動作確認

※Googleのキャッシュです。サイト <http://www.hardwave.net/> が落ちているのかな？

FreeBSD/amd64では

```
(--) RandR disabled
```

と/var/log/Xorg.0.log に記録されてます故、まだ効果や特殊エフェクトは先になりそう。

[FreeBSD](#), [Xorg](#), [技術資料](#)

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