## Настройка двух мониторов под МСВС

Авансцена: ноутбук T60. видеоплата ATI Mobility Radeon x1400, MCBC 3.0 сборка 13

Проблема: кнопка Fn+F7 переключает либо на внешний монитор, либо на локальный, а хочется, чтобы оператор смотрел не на проектор, а на локальный монитор

1. Скачал драйвер отсюда http://ati.amd.com/support/drivers/linux/linux-radeon.html

2. При запуске ati-driver-installer-8.36.5-x86.x86\_64.run ругается так

```
[root@mdbc v13 root]# ./ati-driver-installer-8.36.5-x86.x86 64.run
Created directory fglrx-install.ojSEbb
Verifying archive integrity... All good.
Uncompressing ATI Proprietary Linux
Driver-8.36.5....
_____
ATI Technologies Linux Driver Installer/Packager
mktemp: invalid option -- t
Usage: mktemp [-d] [-q] [-u] template
mktemp: invalid option -- t
Usage: mktemp [-d] [-q] [-u] template
./ati-installer.sh: line 158: $OUT_FILE: ambiguous redirect
./ati-installer.sh: line 169: $OUT FILE: ambiguous redirect
./ati-installer.sh: line 659: .: filename argument required
.: usage: . filename
Removing temporary directory: fglrx-install.ojSEbb
```

3. Разархивировал в каталог ATI

./ati-driver-installer-8.36.5-x86.x86\_64.run --extract ATI

4. Внутри ATI в файле ati-installer.sh удалил из строче вызова mktemp ключ -t потом выяснилось, что установка все равно не работает

5. Скопировал файлы подкаталога x680 (для версии xorg 6.8.x) в дерево X11

6. Исправил xorg.conf так

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# File generated by OC MCBC 3.0 installer. Section "ServerLayout" Identifier "Anaconda Configured" 0 "Screen0" 0 0 Screen InputDevice "Mouse0" "CorePointer" InputDevice "Mouse1" "SendCoreEvents" InputDevice "Keyboard0" "CoreKeyboard" # !!! uncoment to use Ctrl+Alt+Baclspace !!! "DontZap" "False" # Option EndSection Section "Files" # The location of the RGB database. Note, this is the name of the # file minus the extension (like ".txt" or ".db"). There is normally # no need to change the default. RgbPath "/usr/X11R6/lib/X11/rgb" # Multiple FontPath entries are allowed (they are concatenated together) # By default, Red Hat 6.0 and later now use a font server independent of # the X server to render fonts. FontPath "unix/:7100" EndSection Section "Module" "dbe" Load "extmod" Load Load "fbdevhw" Load "dri" Load "glx" Load "record" Load "freetype" Load "type1" EndSection Section "InputDevice" Identifier "Keyboard0" Driver "keyboard" "AutoRepeat" "500 5" # Option # when using XQUEUE, comment out the above line, and uncomment the # following line "Protocol" "Xqueue" # Option # Specify which keyboard LEDs can be user-controlled (eg, with xset(1))

```
"1 2 3"
#
              "Xleds"
    Option
# To disable the XKEYBOARD extension, uncomment XkbDisable.
              "XkbDisable"
#
    Option
# To customise the XKB settings to suit your keyboard, modify the
# lines below (which are the defaults). For example, for a non-U.S.
# keyboard, you will probably want to use:
#
    Option
              "XkbModel"
                            "pc102"
# If you have a US Microsoft Natural keyboard, you can use:
              "XkbModel"
                            "microsoft"
#
    Option
#
# Then to change the language, change the Layout setting.
# For example, a german layout can be obtained with:
    Option
              "XkbLayout"
                             "de"
#
# or:
    Option
                             "de"
#
              "XkbLayout"
    Option
              "XkbVariant"
                              "nodeadkeys"
#
#
# If you'd like to switch the positions of your capslock and
# control keys, use:
              "XkbOptions"
    Option
#
                               "ctrl:swapcaps"
    Option
              "XkbRules"
                             "xfree86"
    Option
              "XkbModel"
                             "pc102"
              "XkbLayout"
                             "us,ru"
    Option
               "XkbVariant"
                               "basic,winkeys"
    #Option
    Option
              "XkbOptions"
                               "grp:ctrl shift toggle"
EndSection
Section "InputDevice"
        Identifier
                    "Mouse0"
        Driver
                    "mouse"
        Option
                    "Protocol" "PS/2"
                    "Device" "/dev/psaux"
        Option
                    "ZAxisMapping" "4 5"
#
         Option
        Option
                    "Emulate3Buttons" "no"
EndSection
Section "InputDevice"
    Identifier
                  "Mouse1"
    Driver
                  "mouse"
    Option
                  "Device"
                                   "/dev/input/mice"
                  "Protocol"
                                     "PS/2"
    Option
                  "Emulate3Buttons"
                                        "no"
    Option
    Option
                  "ZAxisMapping"
                                         "4 5"
EndSection
Section "Monitor"
        Identifier
                     "Monitor0"
```

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```
VendorName
                      "Неопределенный монитор"
        ModelName
                      "Неопределенный монитор"
        HorizSync
                       31.5-80.5
        VertRefresh
                       50-90
         Option "dpms"
#
EndSection
Section "Monitor"
        Identifier
                      "Monitor1"
        VendorName
                      "Неопределенный монитор"
        ModelName
                      "Неопределенный монитор"
                      31.5-80.5
        HorizSync
        VertRefresh
                      50-90
#
         Option "dpms"
EndSection
Section "Device"
    # no known options
                 "ati"
    Identifier
                      "fglrx"
        Driver
        VendorName
                      "vesa"
        BoardName
                       "VESA driver (generic)"
                       "Clone" "true"
#
         Option
#
    Option
                  "MonitorLayout" "CRT,LFP"
                 "ShadowFB" "off"
#
    Option
#
         BusID
                       "PCI:1:0:0"
EndSection
Section "Screen"
    Identifier
                 "Screen0"
                      "ati"
        Device
                      "Monitor0"
        Monitor
    DefaultDepth
                     24
    Subsection "Display"
                         24
            Depth
                             "1280x1024" "1024x768" "800x600" "640x480"
                Modes
    EndSubsection
EndSection
Section "DRI"
    Mode 0666
EndSection
```

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