Настройка двух мониторов под МСВС

Авансцена: ноутбук T60. видеоплата ATI Mobility Radeon x1400, МСВС 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.....................................................
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==================================================
 ATI Technologies Linux Driver Installer/Packager
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 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

```
# File generated by OC MCBC 3.0 installer.

Section "ServerLayout"
        Identifier     "Anaconda Configured"
        Screen      0  "Screen0" 0 0
        InputDevice    "Mouse0" "CorePointer"
    InputDevice    "Mouse1" "SendCoreEvents"
        InputDevice    "Keyboard0" "CoreKeyboard"

# !!! uncoment to use Ctrl+Alt+Baclspace !!!
#   Option    "DontZap"    "False"
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"
        Load  "dbe"
        Load  "extmod"
    Load  "fbdevhw"
    Load  "dri"
        Load  "glx"
        Load  "record"
        Load  "freetype"
        Load  "type1"
EndSection

Section "InputDevice"
        Identifier  "Keyboard0"
        Driver      "keyboard"

#   Option    "AutoRepeat"    "500 5"

# when using XQUEUE, comment out the above line, and uncomment the
# following line
#   Option    "Protocol"    "Xqueue"

# Specify which keyboard LEDs can be user-controlled (eg, with xset(1))
```

```
#   Option    "Xleds"        "1 2 3"

# To disable the XKEYBOARD extension, uncomment XkbDisable.
#   Option    "XkbDisable"

# 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:
#   Option    "XkbModel"    "microsoft"
#
# Then to change the language, change the Layout setting.
# For example, a german layout can be obtained with:
#   Option    "XkbLayout"    "de"
# or:
#   Option    "XkbLayout"    "de"
#   Option    "XkbVariant"    "nodeadkeys"
#
# If you'd like to switch the positions of your capslock and
# control keys, use:
#   Option    "XkbOptions"    "ctrl:swapcaps"
    Option    "XkbRules"    "xfree86"
    Option    "XkbModel"    "pc102"
    Option    "XkbLayout"    "us,ru"
    #Option    "XkbVariant"    "basic,winkeys"
    Option    "XkbOptions"    "grp:ctrl_shift_toggle"
EndSection

Section "InputDevice"
        Identifier  "Mouse0"
        Driver      "mouse"
        Option      "Protocol" "PS/2"
        Option      "Device" "/dev/psaux"
#        Option      "ZAxisMapping" "4 5"
        Option      "Emulate3Buttons" "no"
EndSection


Section "InputDevice"
    Identifier    "Mouse1"
    Driver        "mouse"
    Option        "Device"        "/dev/input/mice"
    Option        "Protocol"        "PS/2"
    Option        "Emulate3Buttons"    "no"
    Option        "ZAxisMapping"        "4 5"
EndSection


Section "Monitor"
        Identifier   "Monitor0"
```

```
        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"
        HorizSync     31.5-80.5
        VertRefresh   50-90
#        Option "dpms"

EndSection


Section "Device"
    # no known options
    Identifier   "ati"
        Driver       "fglrx"
        VendorName   "vesa"
        BoardName     "VESA driver (generic)"
#        Option       "Clone" "true"
#   Option       "MonitorLayout" "CRT,LFP"
#   Option       "ShadowFB" "off"
#        BusID        "PCI:1:0:0"
EndSection


Section "Screen"
    Identifier   "Screen0"
        Device       "ati"
        Monitor      "Monitor0"
    DefaultDepth    24

    Subsection "Display"
            Depth       24
                Modes       "1280x1024" "1024x768" "800x600" "640x480"
    EndSubsection

EndSection

Section "DRI"
    Mode 0666
EndSection
```

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