ATI Catalyst™ 11.6 Cheat Sheet / openSUSE

Supported openSUSE versions: 11.2, 11.3, 11.4

Supported Kernel versions: included 3.0.0

Installation

```
# sh ./ati-driver-installer-11-6-x86.x86_64.run \
                 --buildpkg SuSE/SUSE-autodetection
# zypper in fglrx*8.86*.rpm
```

Removing

```
# zypper rm fglrx
```

or removing the RPM package via YaST2

ATI Installer for Experts

Verbose mode 1: What are you doing?
```
# VERBOSE="1" sh ./ati-driver-installer...
```

Verbose mode 2: Tell me everything.
```
# VERBOSE="2" sh ./ati-driver-installer...
```

Manipulate the release version of the RPM package:
```
# RELEASE="2.1" sh ./ati-driver-installer...
```

Manipulate the kernel dependencies of the RPM package:
```
# KERNEL_DEVEL="kernel-source kernel-devel" \
                      sh ./ati-driver-installer...
```

Disable the kernel dependencies (If you use only vanilla kernels)
```
# KERNEL_DEVEL="no" sh ./ati-driver-installer...
```

Build a new fglrx kernel module by hand

Build an fglrx kernel module for the current kernel if necessary:
```
# fglrx-kernel-build.sh
```

Force to build an fglrx kernel module for the current kernel:
```
# fglrx-kernel-build.sh -f
```

Build fglrx kernel modules for all installed kernels
```
# fglrx-kernel-build.sh -a
```

Force to build fglrx kernel modules for all installed kernels
```
# fglrx-kernel-build.sh -f -a
```

Configure the init script and the build script

Start sysconfig-Editor ...
```
        via Krunner (ALT+F2):    yast2 sysconfig
        in the console:          yast sysconfig
```
or edit this in the console by hand: `vi /etc/sysconfig/fglrxconfig`

The path to the configuration in the sysconfig-Editor is:
`System/Kernel/Graphics card/ATI`

Script settings

Init script alias rebuild script

`/etc/init.d/boot.fglrxrebuild`

Enable/Disable the automatic rebuilding of the fglrx kernel module
```
Variable:         AUTO_REBUILD
Possible values: yes | no
Default value:    yes
```

Enable/Disable the automatic loading of the fglrx kernel module
```
Variable:         AUTO_LOAD
Possible values: yes | no
Default value:    yes
```

Set the log file with full path
```
Variable:         FGLRX_BUILD_LOG
Possible values: string
Default value:    /var/log/fglrx-build.log
```

Allowed to append the fglrx build log at the existing log file
```
Variable:         FGLRX_BUILD_LOG_APPEND
Possible values: yes | no
Default value:    yes
```

Build script

`/usr/bin/fglrx-kernel-build.sh`

Build the fglrx kernel module for all kernel versions and flavors
```
Variable:          BUILD_FOR_ALL_KERNELS
Possible values: yes | no
Default value:    no
```

Force to build the fglrx kernel module
```
Variable:          FORCE_BUILD
Possible values: yes | no
Default value:    no
```

Enable/Disable the vanilla kernel support
```
Variable:          USE_VANILLA_KERNELS
Possible values: yes | no
Default value:    no
```

Miscellaneous

Maintainer of the scripts:
    Sebastian Siebert

Do you find a bug in the packaging script or other scripts?
Do you have a suggestion? Please send me a mail to:

    freespacer@gmx.de

Do you find a bug in the fglrx driver?
Please report to:

    http://www.amd.com/us/LinuxCrewSurvey