

ATI Catalyst™ 11.5 Cheat Sheet / openSUSE

Supported openSUSE versions: 11.2, 11.3, 11.4

Supported Kernel versions: included 2.6.38
with makerpm-ati-script supported Kernel versions: included 2.6.39

Installation

```
# sh ./ati-driver-installer-11-5-x86.x86_64.run \
    --buildpkg SuSE/SUSE-autodetection
# zypper in fglrx*8.85*.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>