

# ATI Catalyst™ 11.3 Cheat Sheet / openSUSE

Supported openSUSE versions: 11.2, 11.3, 11.4

Supported Kernel versions: included 2.6.38

## Installation

```
# sh ./ati-driver-installer-11-3-x86.x86_64.run \
    --buildpkg SuSE/SUSE-autodetection
# zypper in fglrx*8.831*.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](mailto:freespacer@gmx.de)

Do you find a bug in the fglrx driver?  
Please report to:  
<http://www.amd.com/us/LinuxCrewSurvey>