



Goggles User Guide

(0.7.2)

(In Progress)

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About

Goggles is a frontend for the Ogle DVD Player. It supports all the features that Ogle provides, including bookmarks, and adds automatic starting, automatic bookmarks, a convenient preferences panel for setting keyboard shortcuts, DXR3 settings, and language and country preferences. It is written in C++ using the FOX Toolkit.

Features Overview

Ogle Features

- Supports DVD menus and navigation.
- Reads from mounted, unmounted DVDs and hard drive.
- Reads encrypted and unencrypted DVDs using libdvdread/libdvdcss.
- A new MPEG2 decoder with MMX, AltiVec and SUN Solaris [mediaLib](#) acceleration.
- Normal X11 and [XFree86](#) Xvideo display support with subpicture overlay.
- Accelerated display on Sun FFB2+ cards.
- Audio and subpicture selection.
- Handles advanced subpicture commands such as fade/scroll and wipe.
- Detects and uses correct aspect for movie and menus.
- Possible to play AC3, DTS, MPEG, LPCM via S/PDIF.
- Hardware yuv2rgb on Sun FFB2+ (Creator3D).
- Fullscreen mode.
- Screenshots with and without subpicture overlay.
- Audio formats supported: AC-3, MPEG, LPCM (DTS only via SP/DIF).

Goggles Features

- Easy to use interface giving access to all available Ogle functionality.
- Add Bookmarks to your movies.
- “Continue last session” automatically continues your movies the last time where you watched it.
- Chapter / Title Browser giving easy access to the whole dvd.
- Screenshot Browser.
- Preferences Panel.
- Automatically disable screensaver and display power management (DPMS)
- Configurable keyboard shortcuts.

- Xvideo Control Panel (Xv Required)
- DXR3 Control Panel (Creative DXR3 or Hollywood Plus MPEG2 card required.)

Installing Goggles

System Requirements

- Linux, Solaris, BSD
- Fast Computer (Pentium 2 – 450 or better)
- Xfree86 4.1.0 or later
- Graphics Card with XVideo support.
- A DVD drive.

Library Requirements

- FOX Toolkit v1.1.41.
- Ogle DVD Player v0.9.2
- DVDCSS Library v1.2.2 or later. (optional to play encrypted DVDs)
- PNG Library. (icons in Goggles)
- JPEG Library. (for screenshots)
- XML2 Library. (configuration files)
- MAD Library v0.14.2b. (MPEG audio decoding)
- DVDRead Library 0.9.4.
- A52 Library v0.7.3 or later. (audio decoding)

From Source

Goggles uses the GNU Automake/Autoconf for building. You start by running 'configure' to setup the make script for your particular operating system. Several command line options are available to let configure know where to look for certain files:

--prefix=DIR Tell the configure script where to install Goggles. Note that Ogle and Goggles need to be installed in the same prefix location. If you have installed both Ogle and FOX in the same location a simple *--prefix=DIR* will allow the configure script find all necessary components by itself. The prefix location is most of time either */usr* or */usr/local*.

--with-dvdcontrol=DIR This specifies the prefix location where the dvdcontrol library is located. This library is available in the Ogle distribution. If you have installed ogle

by rpm, you might also need to install the ogle development rpm. The prefix location is most of time either */usr* or */usr/local*.

--with-dvd-includes=DIR Here you can optionally specify the location of the header files included with the Ogle distribution. If you have installed ogle by rpm, you might also need to install the ogle development rpm.

--with-fox=DIR Specifies the prefix location of the FOX-Toolkit installation. The prefix location is most of time either */usr* or */usr/local*.

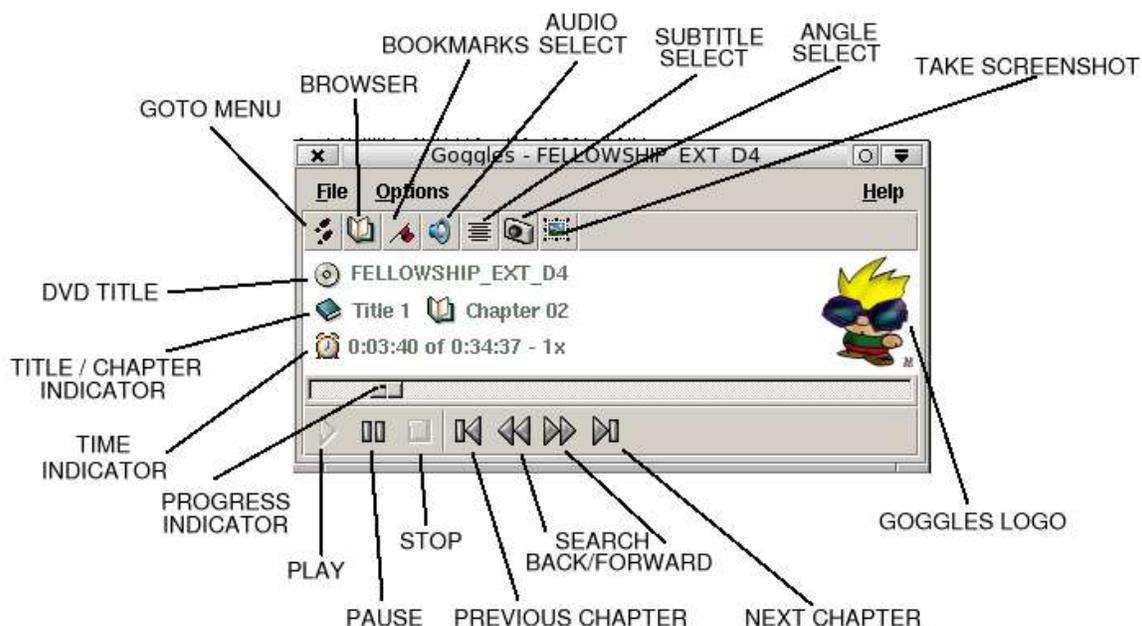
--with-dxr3=[yes,no] Specify here if you want to have the optional DXR3 preferences panel. If you have the necessary hardware and drivers installed, the DXR3 is automatically detected. You may specify *no* if you want to disable it anyway. If you specify *yes* and you don't have the necessary hardware and drivers the DXR3 preferences panel will be disabled.

--disable-xv Specify here if you don't want the optional XV (Xvideo) preferences panel.

--help Displays all the available command line options.

After *configure* has successfully run, you can compile Goggles by running *make*. Once compiled you may install Goggles by running *make install*.

Mainwindow Overview



Goto Menu

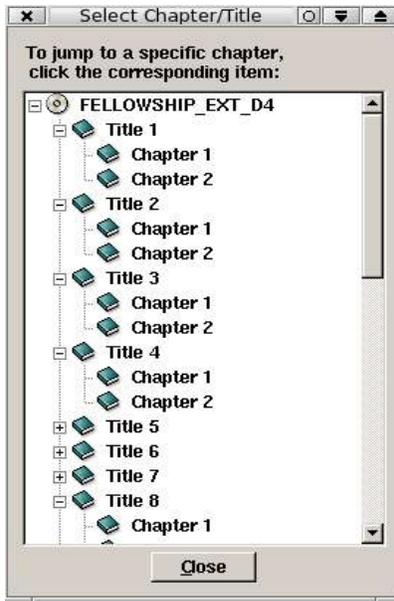


This menu provides quick access to the dvd menus. The following options are available: Root Menu, Title Menu, Subpicture Menu, Audio Menu, Angle Menu and Chapter Menu. Note that not all dvds may provides these types of menus. If you watch a previously watched dvd this menu also provide the option "Restore Last Session..." to go to the last saved position.

Browser



The browser button opens up a chapter/ title browser which provides easy access to all chapters and titles on a dvd (even the hidden ones!). You can jump to a specific chapter or title by clicking on the items.



Bookmarks



The bookmarks button provides access to the bookmark control. Here you can add bookmarks and go to a specific set bookmark. There is no way to remove single bookmarks but there is a option to remove all bookmarks for the current dvd. Bookmarks are stored per dvd and are automatically loaded in when playing a dvd. Bookmarks are indicated the following way: "Bookm ark No – Chapter XX – hh:mm:ss"

Audio Select



Audio Select allows you to easily change the current audio stream. Depending on the dvd there may be multiple audio streams or this menu even may be disabled. In preferences panel you may decide if Goggles should follow this last directive.

Subtitle Select



Subtitle Select allows you to easily change the current subtitles. Depending on the dvd there may be multiple audio streams or this menu even may be disabled. In preferences panel you may decide if Goggles should follow this last directive and if Goggles should show unknown entries.

Angle Select



Although this menu features the available angles on the dvd, Ogle currently doesn' implement a way you change the angle from this menu. To change the angle during playback use the available angle menu on the dvd itself.

Take Screenshot



Use this button to take a screenshot.

DVD Title



Shows you the current DVD Volume Name

Title / Chapter Indicator



Shows you the current Title / Chapter.

Time Indicator



Shows you the current Time and Search Speed.

Progress Indicator



The progress indicator shows the progress of the currently played movie. Dragging the mouse you may skip to a certain part in the movie.

Play



Press the play button to start playing the dvd or resume playing if the dvd was paused.

Pause



Pauses the dvd playback. To resume watching the movie press the play button.

Stop



Not implemented right now. To stop playback you have to exit Goggles.

Previous Chapter



One click will skip to the beginning of the current chapter, double click will skip to the beginning of the previous chapter.

Next Chapter



Skip to the next chapter.

Search Forward/Backward



Increase/Decrease playback speed. Note that there is currently no way to play backwards.

Goggles Logo



The official Goggles Logo...

Goggles Preferences Overview



Auto Play

Automatically play the dvd when goggles starts. This ofcourse only works if there's already a dvd in the player available.

Auto Raise

Raise the goggles window whenever you switch to fullscreen.

Disable Menus

DVDs usually dictate which functions are available and which are not. This option allows to enable the audio / subtitle / angle menus even if the DVD says it should not be available.

Save Last Session

Save the current position when you quit goggles. If you're in a dvd menu no position will be saved.

Play Last Session

Automatically play the last session (if available) when you play a dvd.

Save Screenshots with subtitles

Option if you want to save the screenshots including the subtitles or without them.

Disable Screensaver

Disable screensaver on startup.

Disable Power Management

Disable the power management (DPMS) on startup.

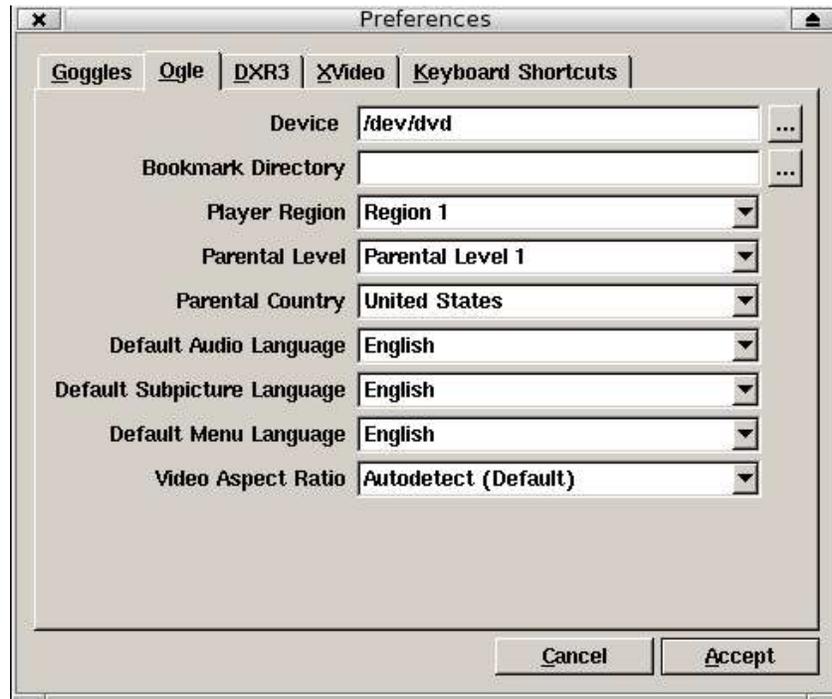
Filter Subpicture Menu

Filter the subtitle/subpicture menu for empty entries.

Always activate audiostream.

Sometimes ogle doesn't activate a audiostream. This option makes sure always one of them is on.

Ogle Preferences Overview



Device

Default DVD device Goggles should use when pressing play.

Bookmark Directory

Specify alternate bookmark directory. Default is “~/ogle/bookmarks”. If you leave the input field blank the default directory will be used.

Player Region

Region Encoding.

Parental Level

Set the parental level.

Parental Country

Set the parental country.

Default Audio Language

Set the default audio language.

Default Subpicture Language

Set the default subpicture language.

Default Menu Language

Set the default menu language.

Video Aspect Ratio

Set the video aspect ratio. In most cases Ogle is able to determine the correct aspect ratio of the video stream. In those cases that it cannot detect it or the aspect ratio is plain wrong, here you have the option to set the aspect ratio. There are four modes.

- Autodetect (Default)
- Autodetect (from MPEG Stream)
- Force 16x9
- Force 4x3

The default option is the one where Ogle determines the ratio by reading the info from the DVD itself. With the second option it tries to detect it from the MPEG stream itself. The last two options are to force the video into a certain ratio.