

discid

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Chapter 1. What is discid?

discid is a small Program, written in C++ to generate a disk-ID by reading the track-info of a compact disc. The disc-ID is used to identify discs at CDDB-Servers (e.g. <http://www.freecddb.org>) and send queries to CDDB-Servers to get information about Disc-Title, Artist, Track-Titles and more.

Notes

1. <http://www.freecddb.org>

Chapter 2. Supported Platforms

The **discid** program has been tested in Linux and Windows 32 native and Cygwin (<http://www.cygwin.com>) environments. Windows 32 users can compile discid using Visual C++ or gcc although ready compiled executables for all platforms are included in the distribution. So the average user don't have build the executables himself.

Macintosh OS X support was added by Jeffrey C. Jacobs and has been tested with OS X 10.2.6. It requires the BSD SDK and gcc for OS X to compile; a binary is also included for Mac. Since the original author does not have a Macintosh, support for this platform can not be guaranteed for future releases and included binary files for Macintosh may not represent the latest state of development.

discid can be used by PyCDDb <http://pycddb.sourceforge.net> to generate the required format of the disc-ID.

Notes

1. <http://www.cygwin.com>
2. <http://pycddb.sourceforge.net>

Chapter 3. Installation

There are several ways to install the program:

- Install the RPM-Distribution for Linux systems
- Copy the TGZ distribution contents to your local computer and compile.
- Copy the executable discid-file (`discid` for Linux and Macintosh OS X platforms and `discid.exe` on Windows 32 platforms) to a directory, within the current path. On Linux and Mac OS X platforms, this might be `/usr/bin` or `/usr/local/bin`. On Windows 32 platforms, this might be `C:\WINDOWS\system32`.

Chapter 4. Usage

`$ discid [--help] [--version] [device...]`

If no **device** is given, the following devices are taken as a default:

- `/dev/cdrom` on Linux systems
- `cdaudio` on Windows 32 native and Cygwin systems
- `/dev/rdisk1` [Note: for Macs with more than 1 hard disk the CDROM may be located at an alternate device location. If unsure, check the `/dev` directory when a cd is inserted to see what `rdisk<n>` is created.]

Chapter 5. Output of discid

The output of **discid** has the following format:

```
8HexDigitID NumberOfTracks Track1StartFrame Track2StartFrame..TrackNStartFrame DiscLeng
```

This format contains all information needed to make a query to a CDDb-server and is compatible to the one of other disc-ID generating programs like **cd-discid** by Robert Woodcock <http://frantica.lly.org/~rcw/cd-discid/>

Notes

1. <http://frantica.lly.org/~rcw/cd-discid/>

Chapter 6. Download

discid is hosted at <http://sourceforge.net>

The homepage of discid is <http://discid.sourceforge.net>

The latest version of discid can always be found on
<http://www.sourceforge.net/projects/discid>

Notes

1. <http://sourceforge.net>
2. <http://discid.sourceforge.net>
3. <http://www.sourceforge.net/projects/discid>

