

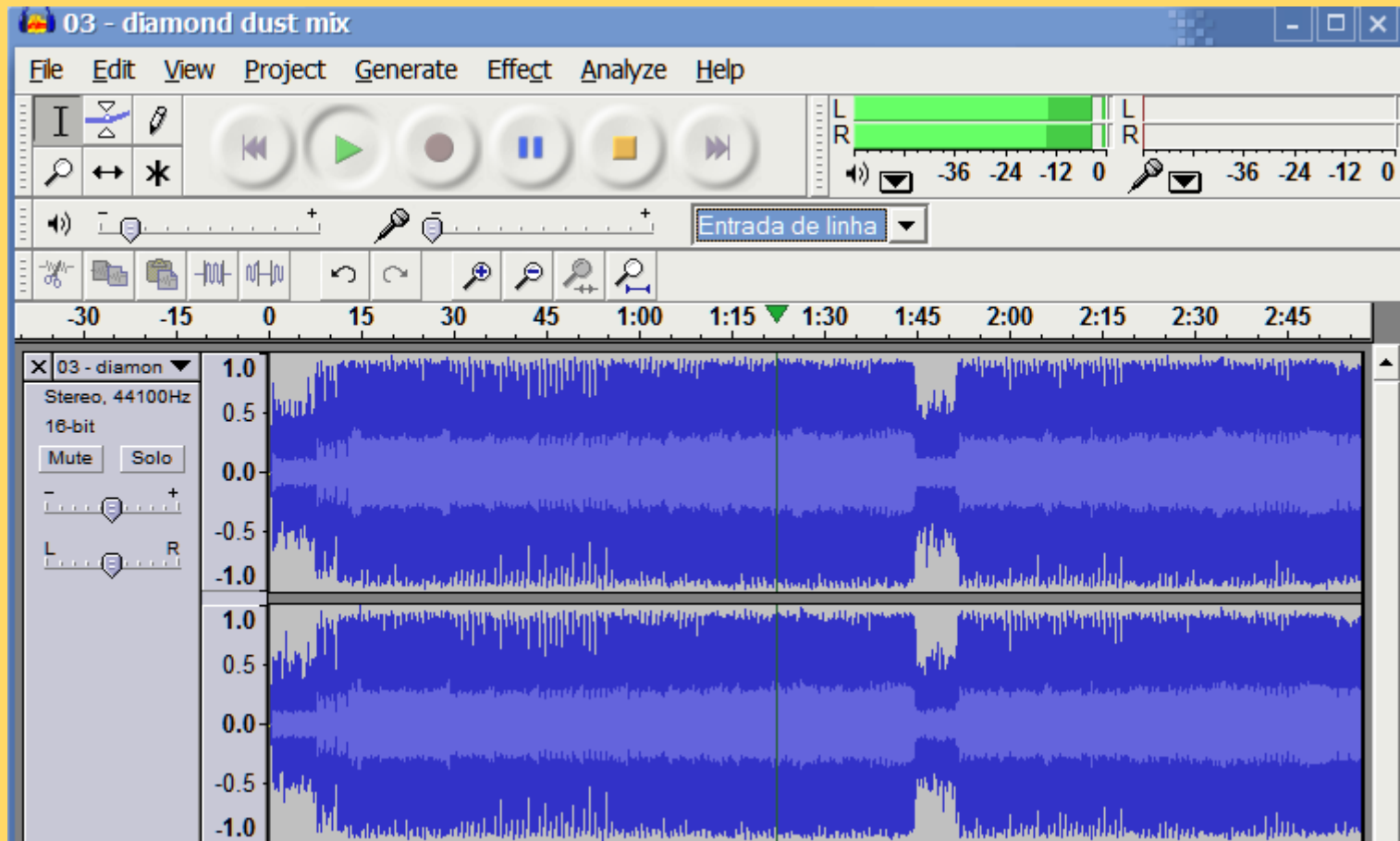
In this presentation we'll learn how to:

- Create music in Vorbis
- Create a podcast in Speex
- Convert films into Theora

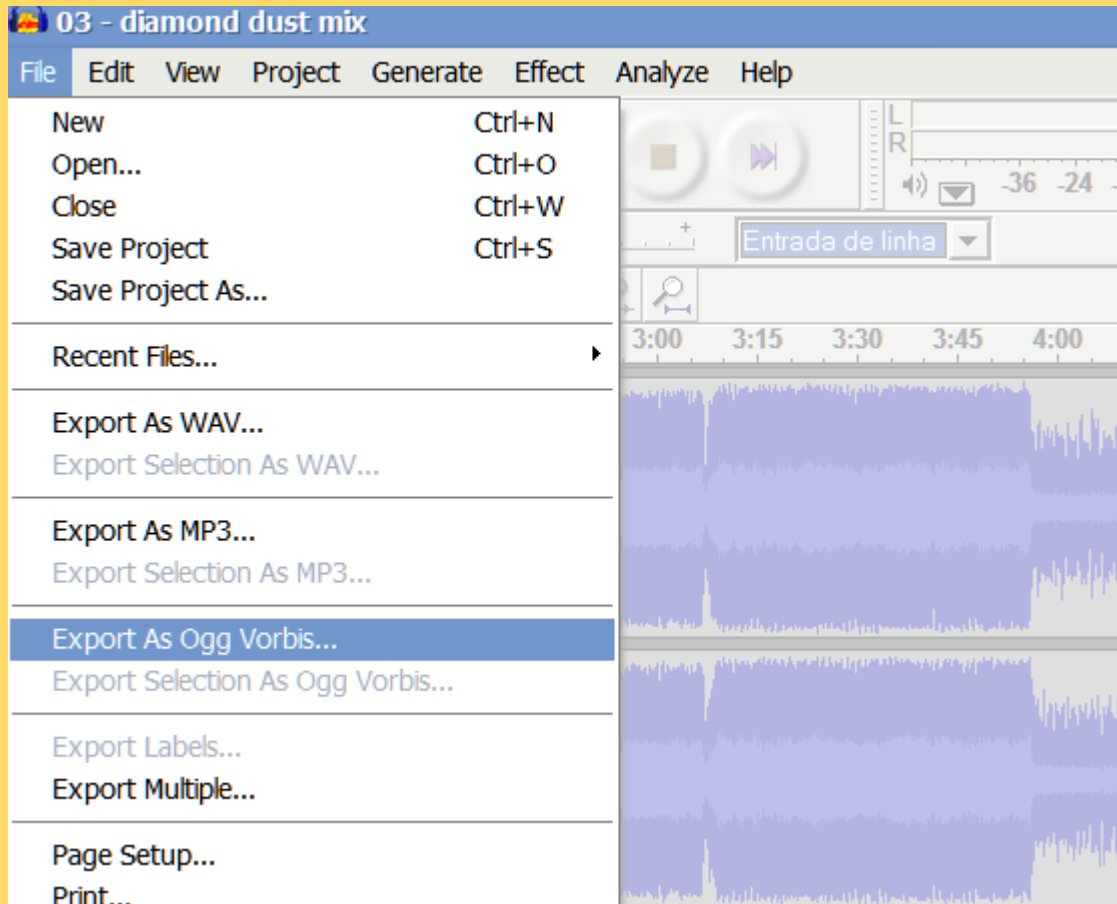
Content created on any of these digital formats is Open Media.

There is a lot of software that deal with Open Media formats, and not all of it is proprietary.

In this presentation, however, we'll talk about only three of them.



Meet Audacity, a powerful audio editor that works on all of Windows, Linux, and Mac OS X.



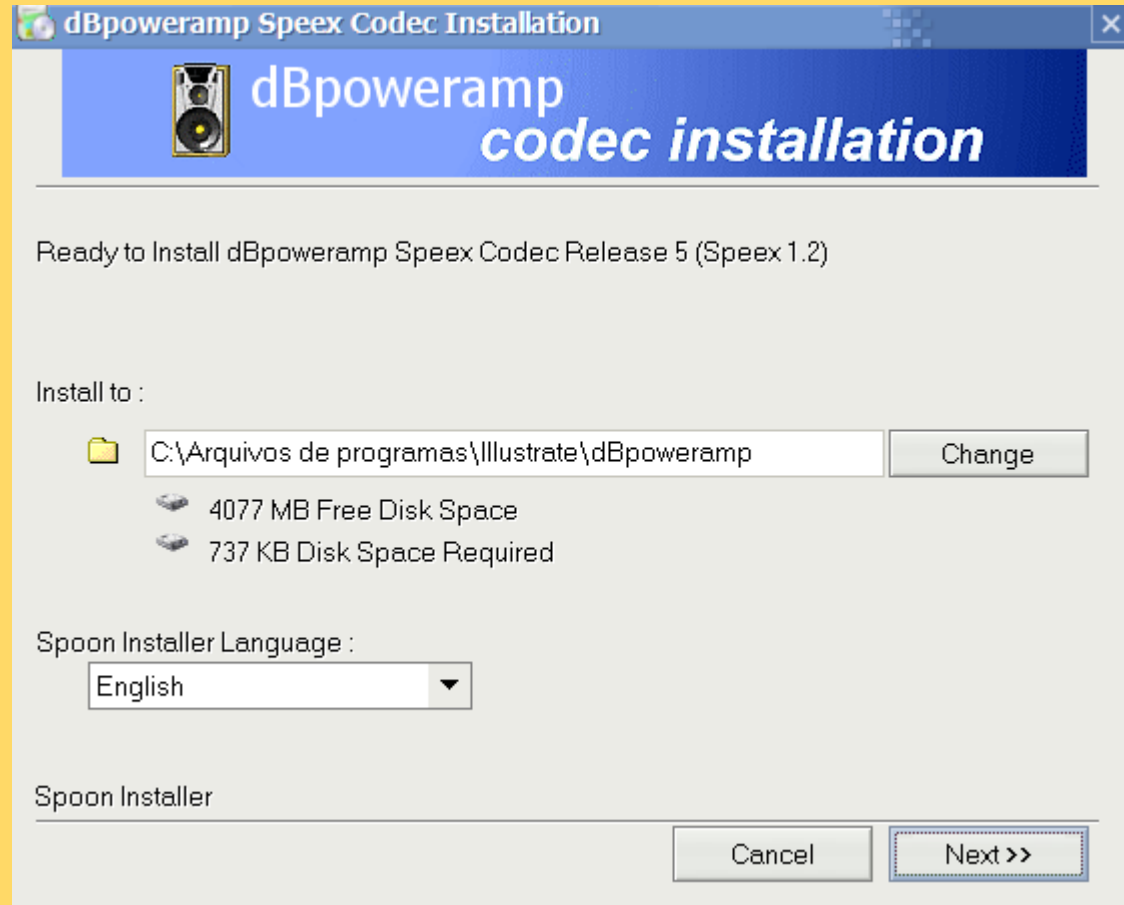
Using Audacity, artists can create and mix any kind of audio to create amazing songs that may be shared or sold through the Vorbis format.

But not only musicians use Audacity
Many Podcasters make records of
their content through microphone
on Audacity.

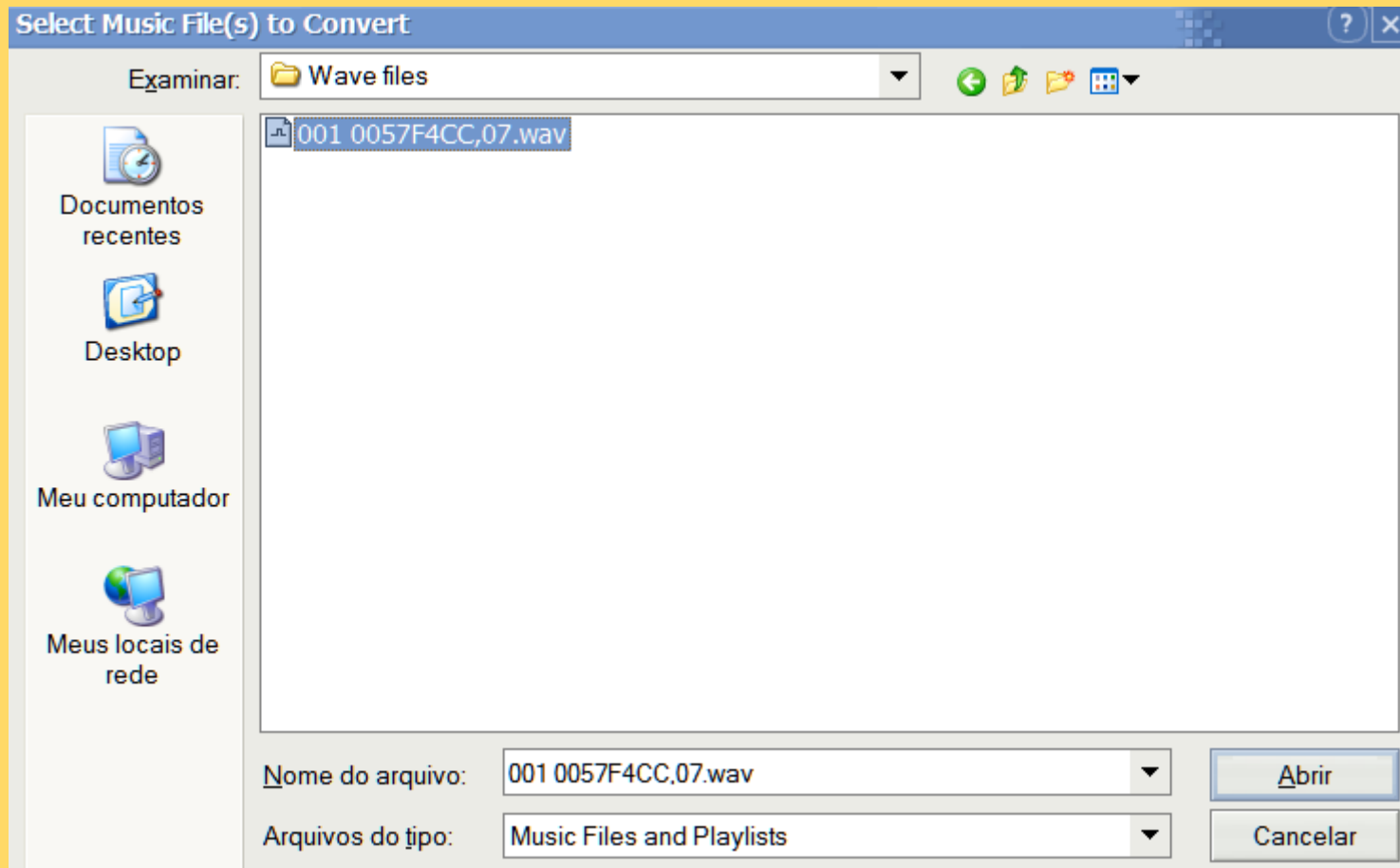
If you are one of them, export the
result as a Wave file and follow us
to the next lesson.

dBpoweramp is an audio converter, which is able to convert many audio formats into Vorbis or Speex.

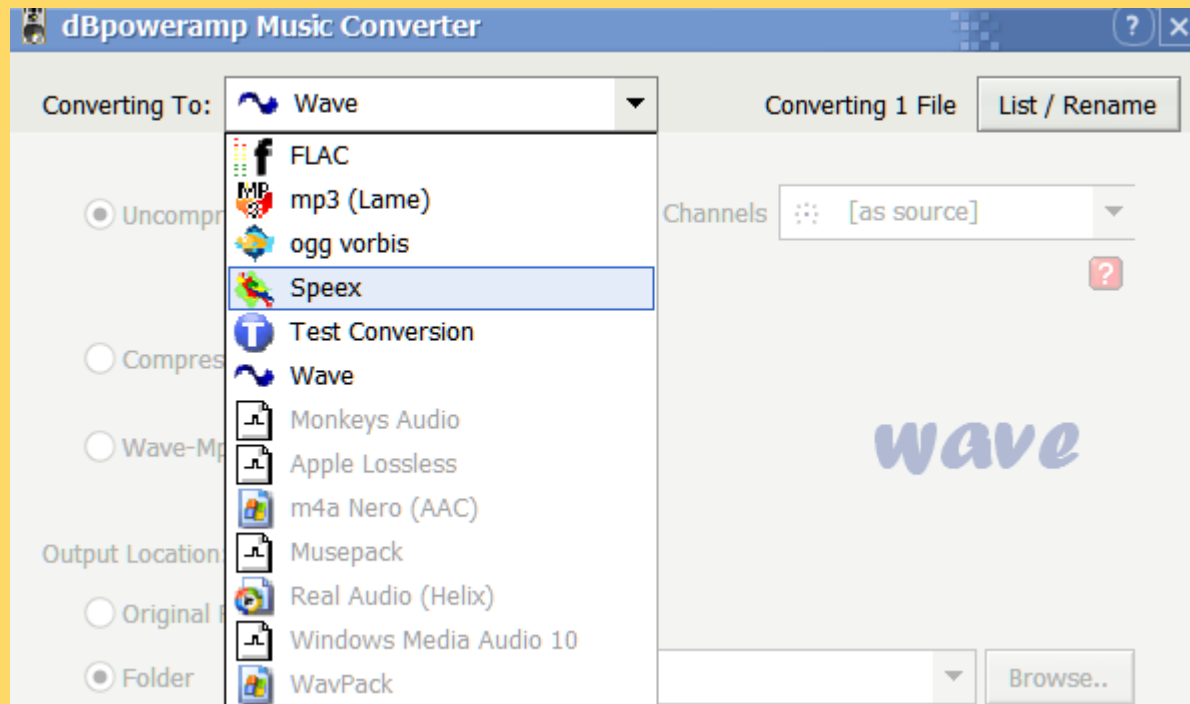
Podcasters should be aware of the Speex voice format. Its tiny file size and good quality make Speex perfect for podcasts.



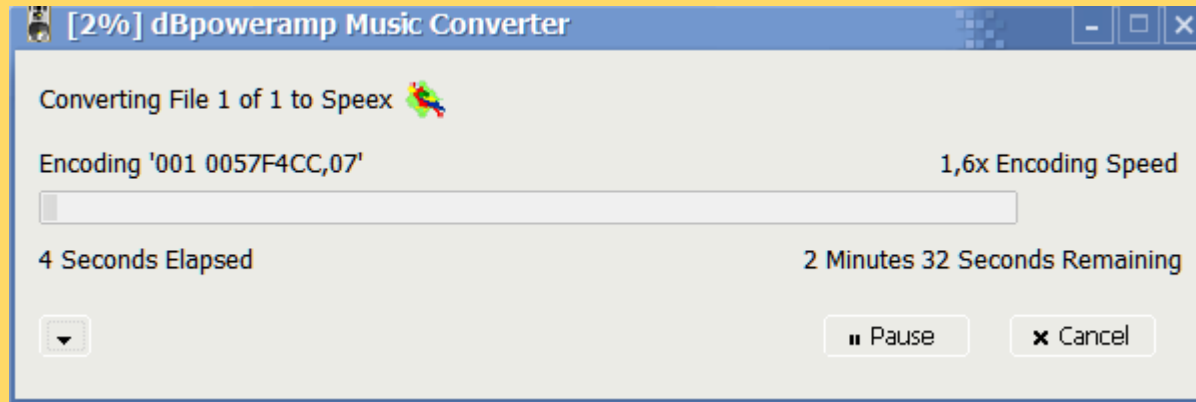
First, install the Speex codec for dBpoweramp, which is available at the official web site.



Look for the Wave file you recorded



Select Speex from the dropdown box



And voilà!

In a matter of instants, the file is ready to be uploaded onto a blog.

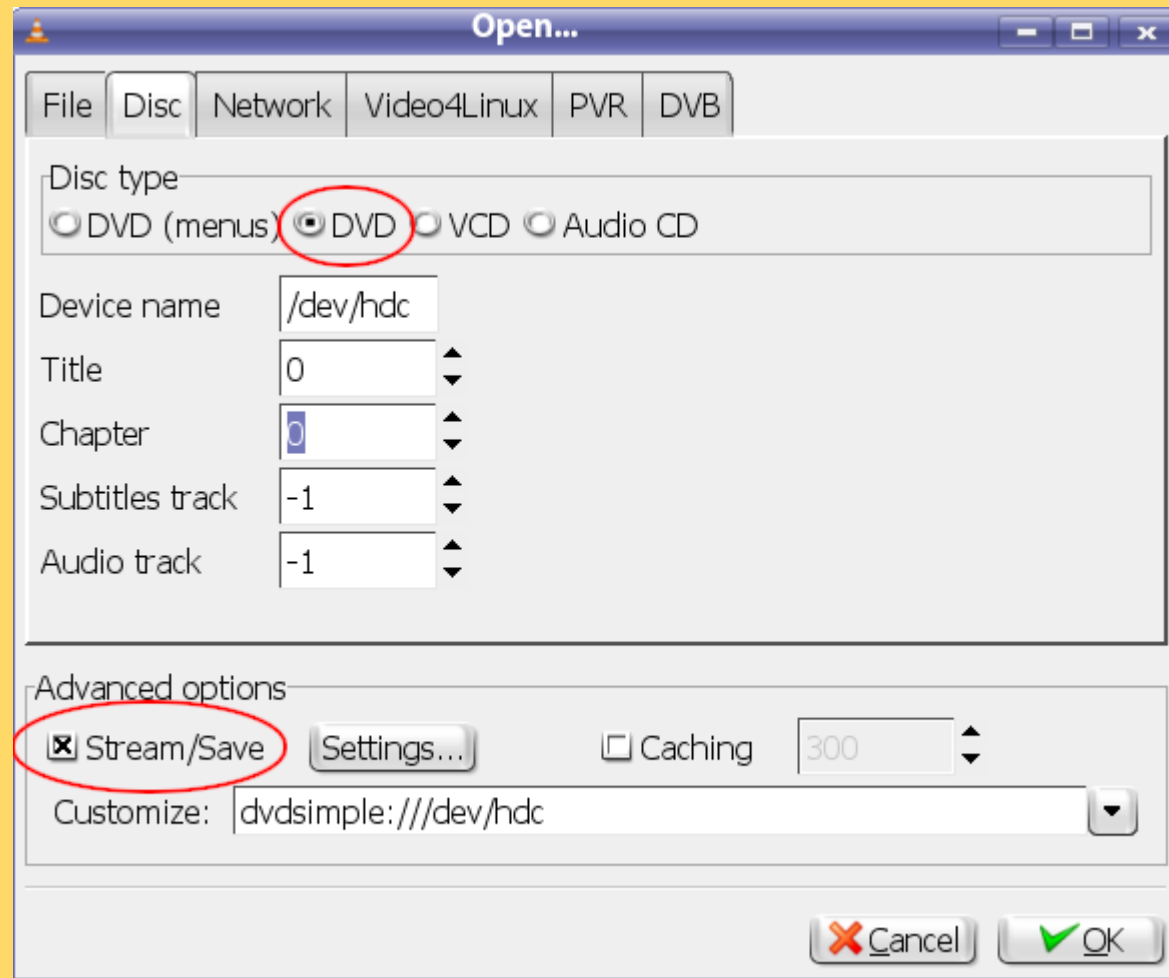
And finally, meet VLC:



Some of you may know VLC. It isn't pretty, but it can play almost every kind of digital media in existence.

What many don't know, however, is that VLC allows conversion of any kind of video into Theora!

Let's convert a DVD film.



Select the options marked in red.

On the Settings menu, choose the options marked in red.

Outputs

Play locally

File Filename Dump raw input

HTTP Address Port

MMSH Address Port

RTP Address Port

UDP Address Port

Encapsulation Method

MPEG TS MPEG PS MPEG 1 Ogg ASF MP4 MOV WAV Raw

Transcoding options

Video codec Bitrate (kb/s) Scale

Audio codec Bitrate (kb/s) Channels

Subtitles codec Subtitles overlay

And that's it! After a (long) while, your DVD film is encoded in Theora

In a similar way, VLC allows you to recover your old VHS tapes, as well as prepare anything recorded by your video camera to the web by converting it into Theora.

In the future, thanks to HTML 5 and its `<video>` and `<audio>` elements, Theora, Vorbis, and Speex will play directly on the web browsers.

By then, Open Media will be even easier to use, allowing the world to get away from proprietary formats to create a true Free Culture.

Thanks for watching!

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Spread Open Media

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