

## 转 FFMPEG列出DirectShow支持的设备

2013年11月22日 13:13:38 阅读数：9461

FFMPEG列出dshow支持的设备：

```
1. ffmpeg -list_devices true -f dshow -idummy
```

举例：

采集摄像头和麦克风

```
1. ffmpeg -f dshow -i video="Camera":audio="Microphone"
```

(摄像头名称是Camera，麦克风名称是Microphone)

比如说，在我的笔记本上采集10秒的视频，并且使用x264进行编码，可以用如下命令：

```
1. ffmpeg -f dshow -i video="Integrated Camera" -t 10 -vcodec libx264 test.mp4
```

以下是帮助信息：

<http://ffmpeg.org/ffprobe.html>

11.3 dshow

Windows DirectShow input device.

DirectShow support is enabled when FFmpeg is built with mingw-w64. Currently only audio and video devices are supported.

Multiple devices may be opened as separate inputs, but they may also be opened on the same input, which should improve synchronism between them.

The input name should be in the format:

TYPE=NAME[:TYPE=NAME]

where TYPE can be either audio or video, and NAME is the device's name.

11.3.1 Options

If no options are specified, the device's defaults are used. If the device does not support the requested options, it will fail to open.

'video\_size'

Set the video size in the captured video.

'framerate'

Set the framerate in the captured video.

'sample\_rate'

Set the sample rate (in Hz) of the captured audio.

'sample\_size'

Set the sample size (in bits) of the captured audio.

'channels'

Set the number of channels in the captured audio.

'list\_devices'

If set to 'true', print a list of devices and exit.

'list\_options'

If set to 'true', print a list of selected device's options and exit.

'video\_device\_number'

Set video device number for devices with same name (starts at 0, defaults to 0).

'audio\_device\_number'

Set audio device number for devices with same name (starts at 0, defaults to 0).

### 11.3.2 Examples

Print the list of DirectShow supported devices and exit:

```
$ ffmpeg -list_devices true -f dshow -idummy
```

Open video device Camera:

```
$ ffmpeg -f dshow -ivideo="Camera"
```

Open second video device with name Camera:

```
$ ffmpeg -f dshow -video_device_number 1 -ivideo="Camera"
```

Open video device Camera and audio device Microphone:

```
$ ffmpeg -f dshow -ivideo="Camera":audio="Microphone"
```

Print the list of supported options in selected device and exit:

```
$ ffmpeg -list_options true -f dshow -ivideo="Camera"
```

原文地址：[http://blog.sina.com.cn/s/blog\\_3cb6a78c0100zti7.html](http://blog.sina.com.cn/s/blog_3cb6a78c0100zti7.html)

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