

How to check the format of a Video

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Introduction

The purpose of this document is to detail the process of checking the format of a video.

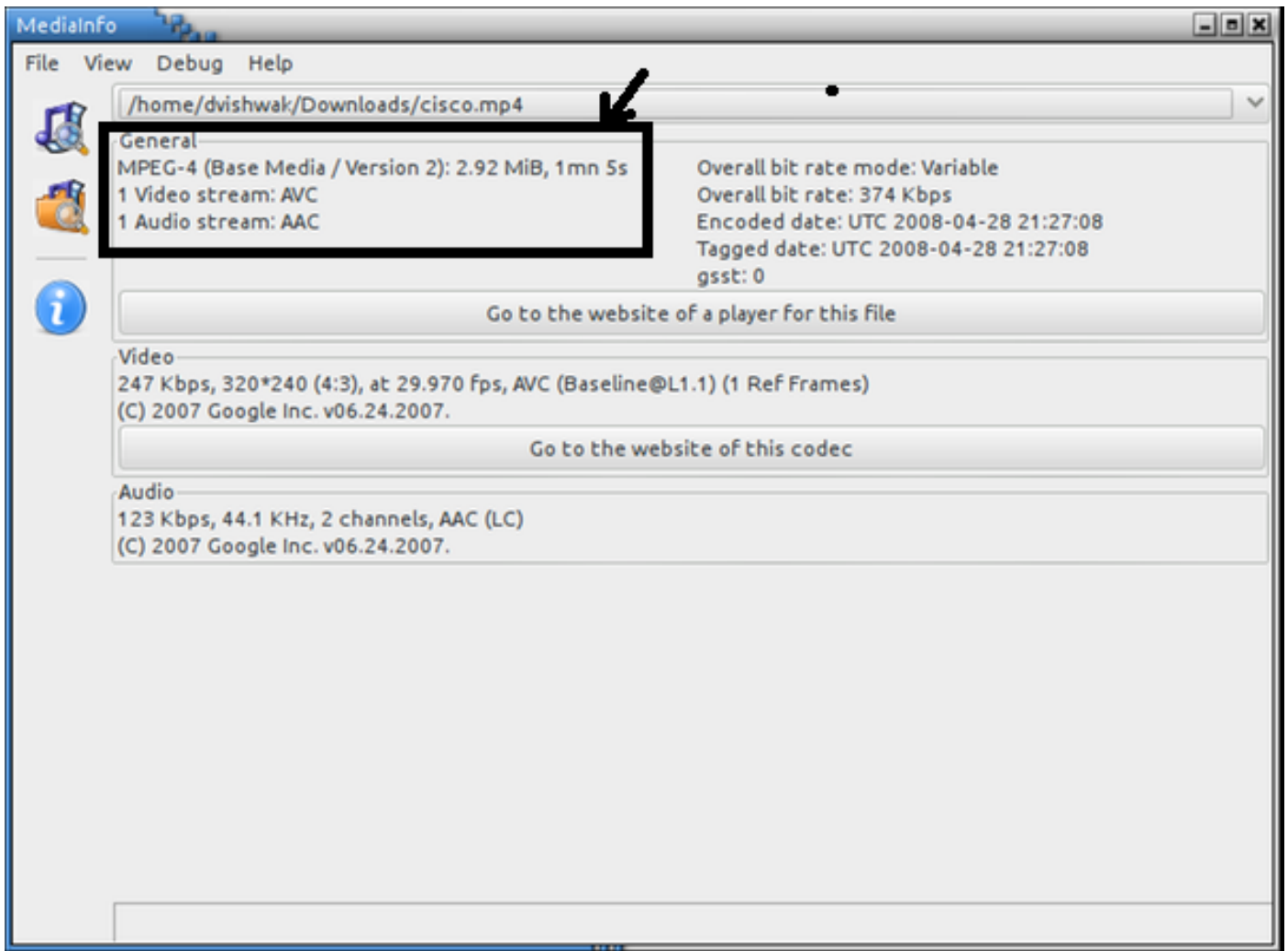
Q. How to check the format of a video to match it against the supported Digital Media Player (DMP) 4400 or 4310 formats?

A. There are times when you need to find out the format of a video so that you can match it against the supported sheet of the DMPs.

This document will show you how to determine the video format of a video using free software called MediaInfo:

<http://mediaarea.net/en/MediaInfo>

You can open a video and it will show you the video format. Please look under the general section where the arrow is pointing towards.



In the above example you see that the video format is MPEG-4 Version 2 which matches a supported video codec, MPEG4 Part 2

as listed in the Video and Audio codecs under Product Specifications table listed below.

DMP 4400:

http://www.cisco.com/c/en/us/products/collateral/video/digital-media-manager/data_sheet_c78-480272.html

Video codecs	<ul style="list-style-type: none"> • Video MPEG1 • Video MPEG2: Main Profile at High Level • Video MPEG4 Part 2 • Video MPEG4 Part 10 Baseline and Main profiles • Video Windows Media 9 and VC-1-VoD only • Aspect ratio: 4:3 and 16:9 • HD (up to 1080p at 16:9) progressive and interlace video resolution • Video data rate up to 28 Mbps • Video frames per second rate up to 29.9fps for MPEG-1, 2, 4 and 23.9fps for WMV • Internal Hardware Decoder delay configurable to < 1 sec
Audio codecs	<ul style="list-style-type: none"> • Audio MPEG1 Layers 1 and 2 • MP3 • HE-AAC v1 • MPEG4 AAC Low Complexity • AC-3 • Audio data rate: 64-320 kbps

DMP 4310:

http://www.cisco.com/c/en/us/products/collateral/video/digital-media-manager/data_sheet_c78-625677.html

Video codecs	<ul style="list-style-type: none"> ● Video MPEG1 ● Video MPEG2: Main Profile at High Level ● Video MPEG4 Part 10 Baseline and Main profiles ● Video Windows Media 9 and VC-1 - VoD only ● Aspect ratio: 4:3 and 16:9 ● HD (up to 1080p at 16:9) progressive and interlaced video resolution ● Video data rate up to 28 Mbps ● Video frames per second rate up to 29.9fps for MPEG-1, 2, 4 and 23.9fps for WMV ● Internal Hardware Decoder delay configurable to < 1 sec
Audio codecs	<ul style="list-style-type: none"> ● Audio MPEG1 Layers 1 and 2 ● MP3 ● MPEG4 AAC Low Complexity ● AC-3 ● HE-AAC v1 ● Audio data rate: 64-384 kbps