**JAVE(Java Wrapper on ffmpeg):**

(1) Requirements: Java 1.6 and Eclipse Helios. Downloading Java 1.6 requires creation of free Oracle account. Latest version of Java 1.8 has compatibility issues with Helios.

[*http://www.oracle.com/technetwork/java/javase/downloads/java-archive-downloads-javase6-419409.html#jdk-6u45-oth-JPR*](http://www.oracle.com/technetwork/java/javase/downloads/java-archive-downloads-javase6-419409.html%23jdk-6u45-oth-JPR)

(2) In eclipse.ini configuration file, add the following lines just above -vmargs

-vm

C:/Program Files/Java/jdk1.6.0\_45/jre/bin/javaw.exe

(3) Download JAVE source 1.0.2 from [*http://www.sauronsoftware.it/projects/jave/download.php*](http://www.sauronsoftware.it/projects/jave/download.php)and add all JAVA classes in it to your eclipse package.

(4) -> Go to temp folder (start->run->(type) %temp%)

-> Create new folder *jave-1*

-> Add *ffmpeg application* and *pthreadGC2.dll* to jave-1. Both files are found in java 1.0.2 folder.

(5) Create a class with the following content:

**import** java.io.File;

**public** **class** VideoToAudio {

**public** **void** convert(){

File source = **new** File("D://vid.mp4");

File target = **new** File("D://a.mp3");

AudioAttributes audio = **new** AudioAttributes();

audio.setCodec("libmp3lame");

audio.setBitRate(**new** Integer(128000));

audio.setChannels(**new** Integer(2));

audio.setSamplingRate(**new** Integer(44100));

EncodingAttributes attrs = **new** EncodingAttributes();

attrs.setFormat("mp3");

attrs.setAudioAttributes(audio);

Encoder encoder = **new** Encoder();

**try** {

encoder.encode(source, target, attrs);

} **catch** (IllegalArgumentException e) {

e.printStackTrace();

} **catch** (InputFormatException e) {

e.printStackTrace();

} **catch** (EncoderException e) {

e.printStackTrace();

}

}

**public** **static** **void** main(String [] args){

**new** VideoToAudio().convert();

}

}

(6) Run the program to generate audio file.