

Sound Editing

Digital sound

Audio editing/recording software (Audacity)

Audacity intro

Recording test

Editing test

Sound Editing

Digital sound/audio is sound that has been stored as digital data.

Digital sound can be reproduced and manipulated without losing quality.

Sound Editing

Sound recording and editing software

Audacity

Open source free Audio Editing application

Go to the website <http://audacity.sourceforge.net/download> and click on the relevant link for your computer and follow the instructions.

Sound Editing

Audacity is easy-to-use, multi-track audio editor and recorder

Windows

Mac OS X

GNU/Linux

Sound Editing

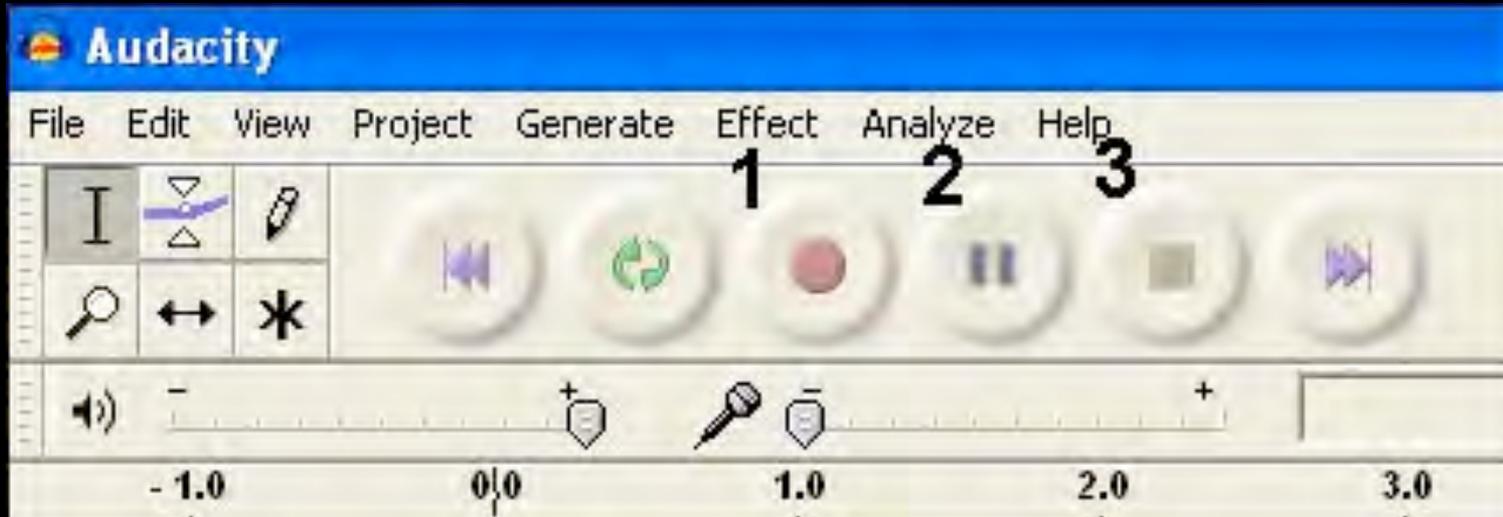
A shortcut to Audacity will be in Launchpad or possibly in the dock



Audacity Controls

The main controls are situated at the top of the application.

1 = Record 2= Pause 3 = Stop Skip to the End/Start



Mixer Toolbar

The left slider is the volume control of the payback

The right slider is the Recording Volume

Dropdown menu allows you to select the input source for recording



Editing Toolbar

Provides many shortcuts to common editing tools



Audacity Project

.aup

File saved as project

Can be edited, reopened

Cannot be read on standard audio players

.wav – Windows audio file

.mp3- Requires an additional update to create

Recording

Microphone connected to microphone input on your laptop

Create a simple recorded audio clip using your own voice

Place your microphone in the right position

Adjust the headset microphone to be 1 to 2 inches from your mouth.

Keep your microphone cord away from your power cord.

Recording

To record a clip, press the *Record* button and start speaking

Press *Pause* to halt the recording at any time

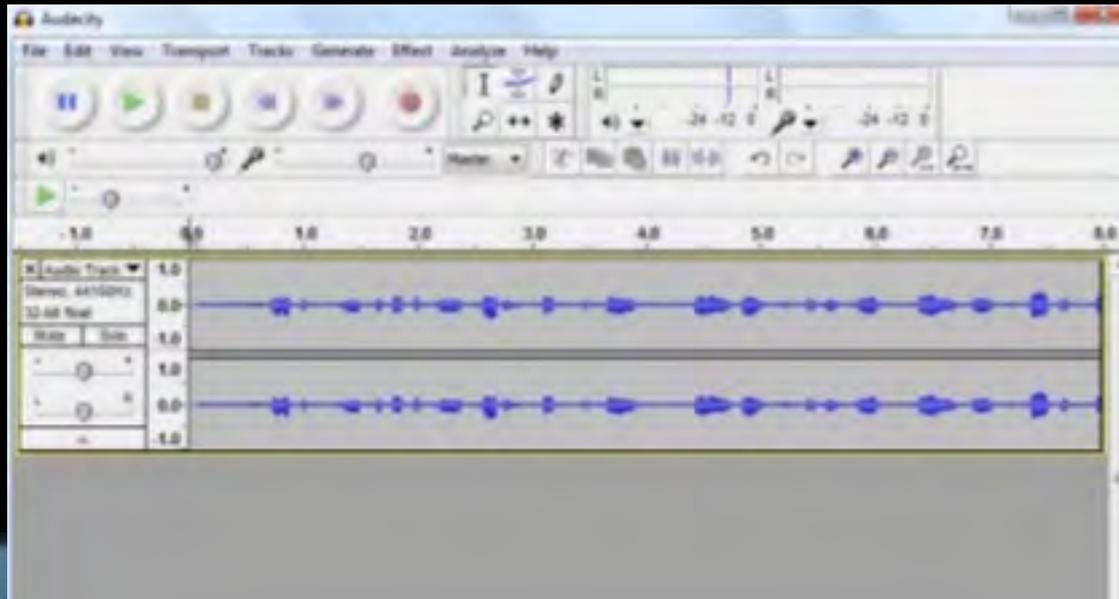
press *Stop* to end the recording

Recording

Two tracks will appear in your Audacity Interface

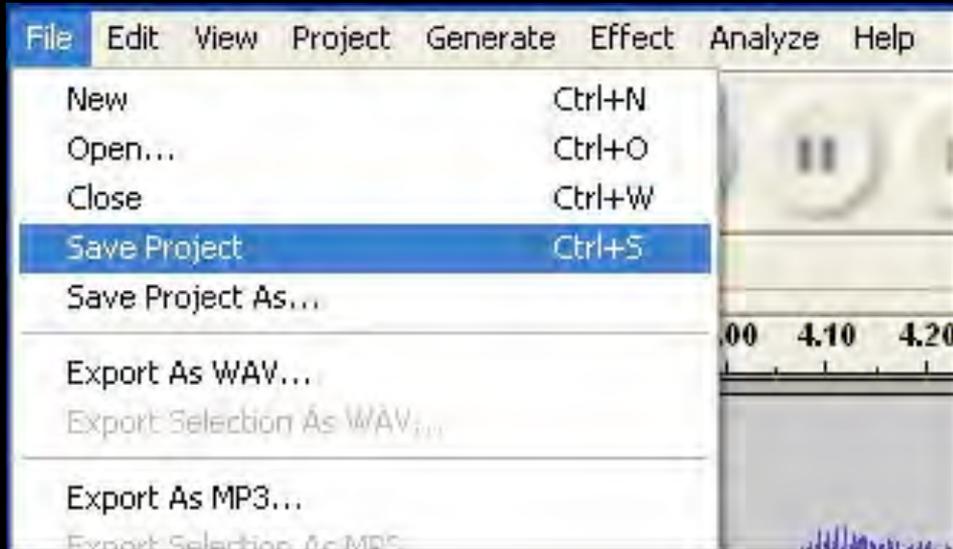
Tracks are graphical representations of the sound waves

The two tracks shown indicate that the audio was created in stereo



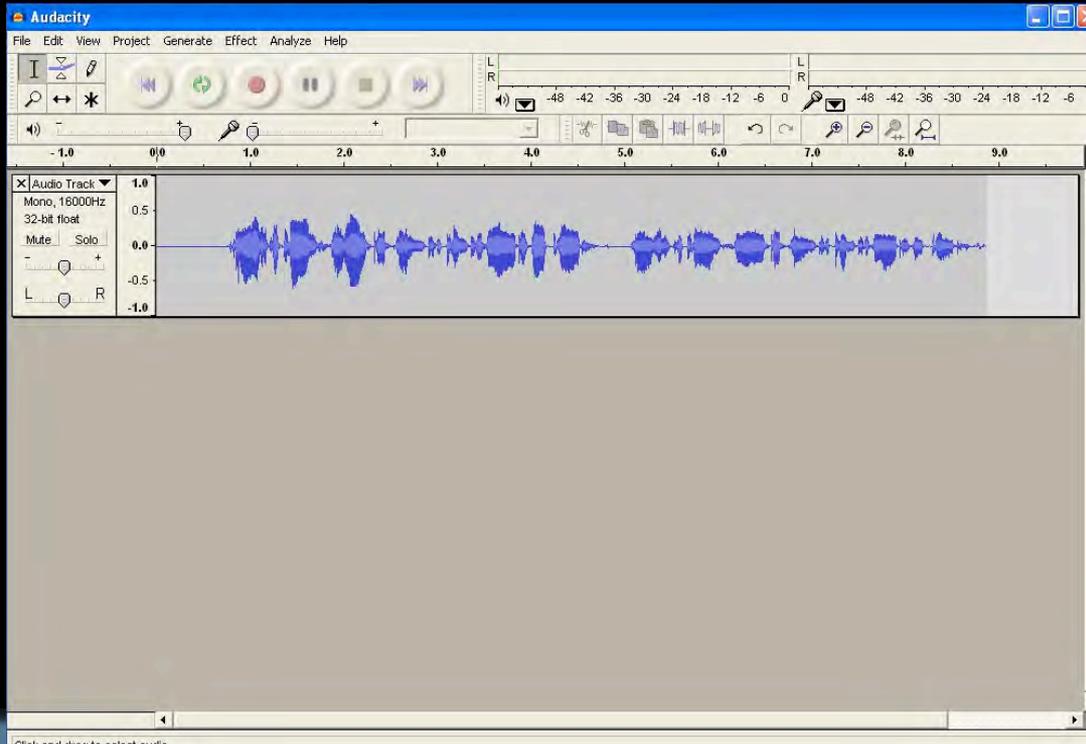
Saving

To save the project,
click on *File-Save Project* or *File-Save as Project* and choose a suitable name e.g. 'Narration.mp3'.



Saving

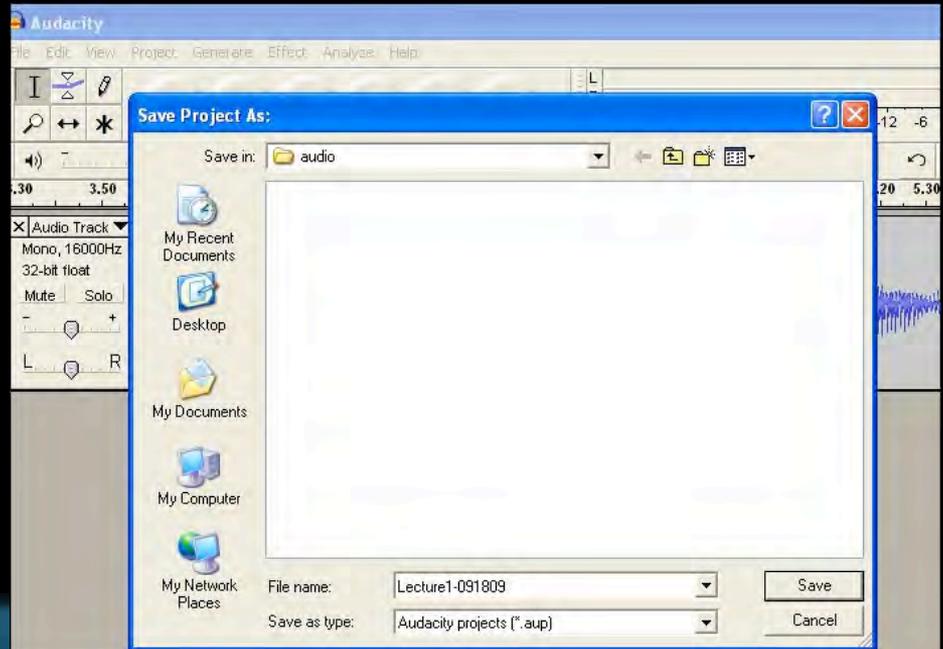
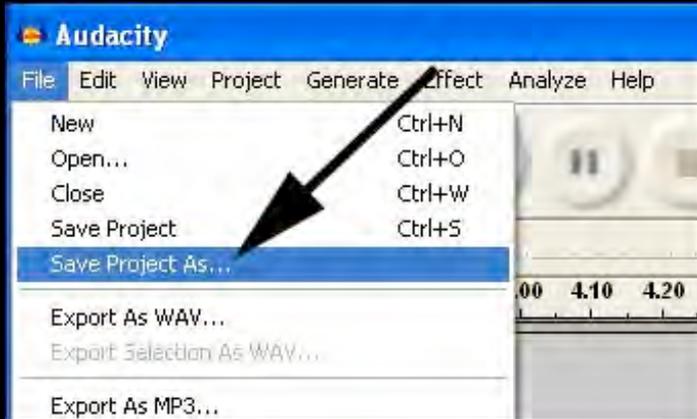
Save your audio file as an Audacity project.



Exporting the audio file

Save your audio file as an Audacity project.

1. Click the File drop menu and select Save Project As
2. Enter a filename and pay attention to where you are saving it. Click save.

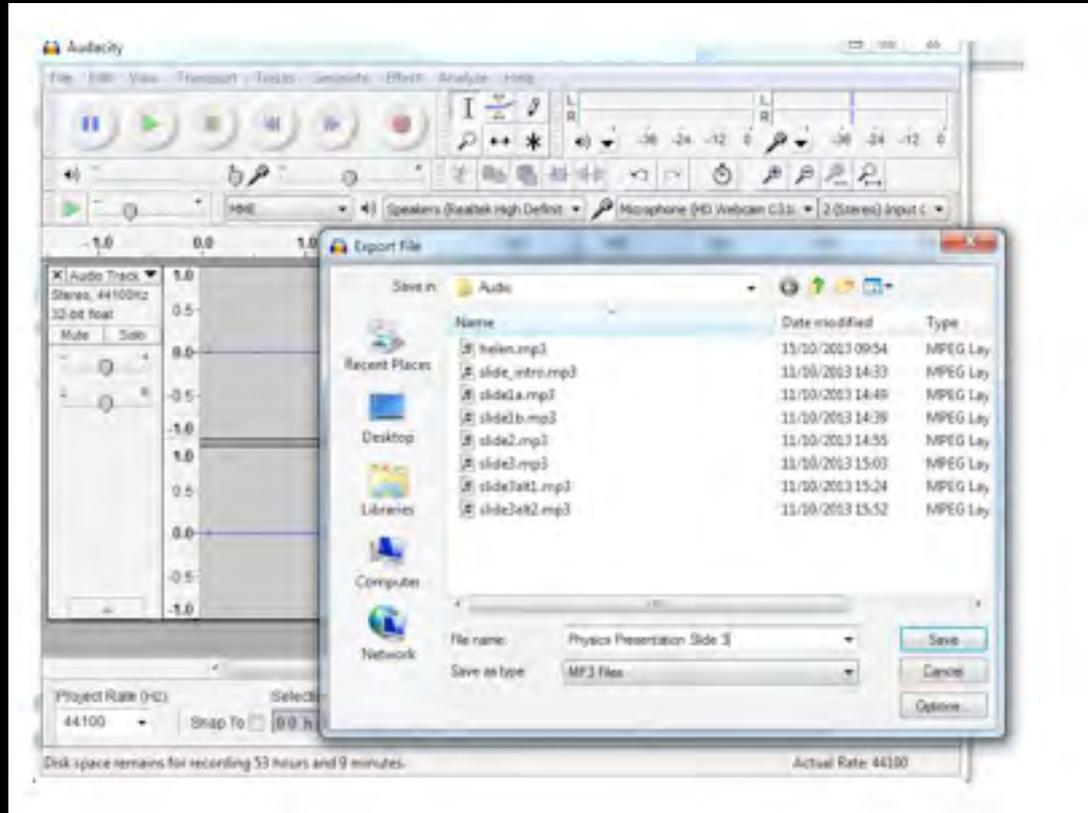


Exporting the audio file

Once complete, the audio file needs to be exported to allow you to insert the audio clip into the presentation. The choice of audio format is entirely up to the individual although .mp3.

To save your audio file as an .mp3 file, click on *File-Export*. Remember to save your audio using an appropriate name.

Exporting the audio file



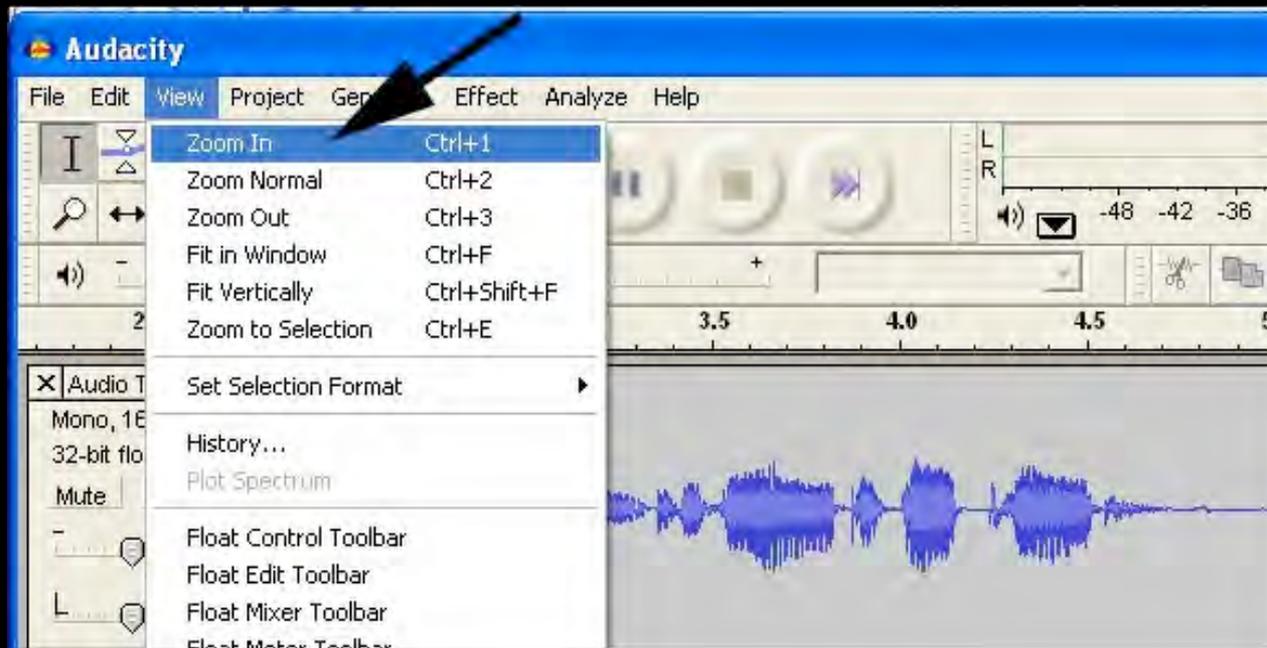
Editing

Editing audio in Audacity is easy.

If you recorded a narration and want to remove the classroom noise that occurs before the lecture began.

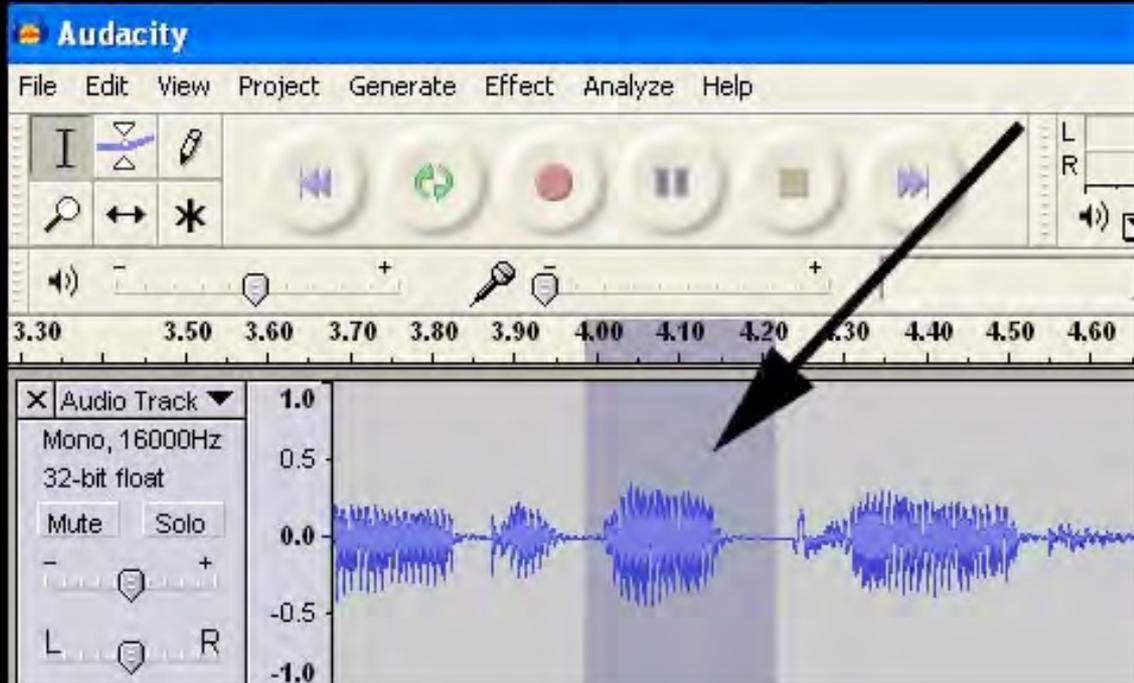
First, click on the View dropdown menu and select Zoom In a few times. This spreads out the wave spikes making it easier for you to identify the audio that you want to highlight and delete.

Editing



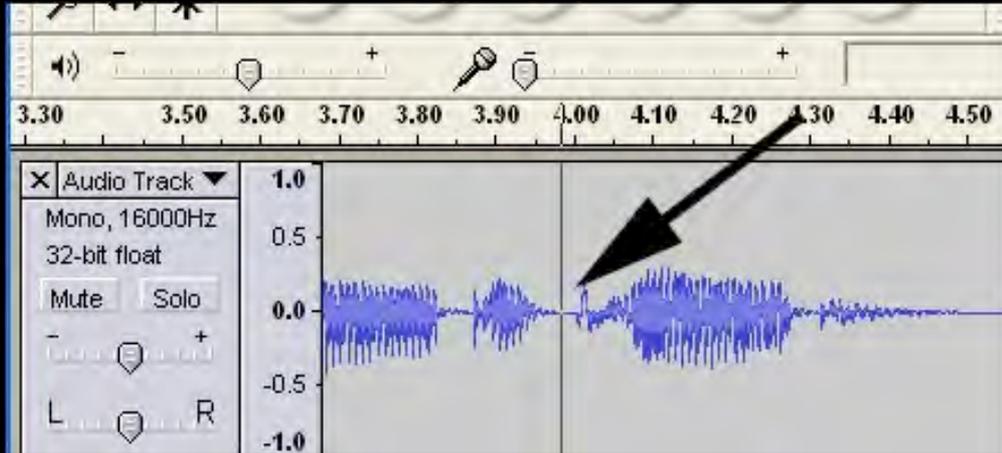
Editing

Play the audio and listen for the beginning and end of the audio you wish to remove. Click stop, highlight that audio, and click delete.



Editing

As soon as you hit your delete key, Audacity removes the unwanted audio and seamlessly splices the audio together.



Export to mp3

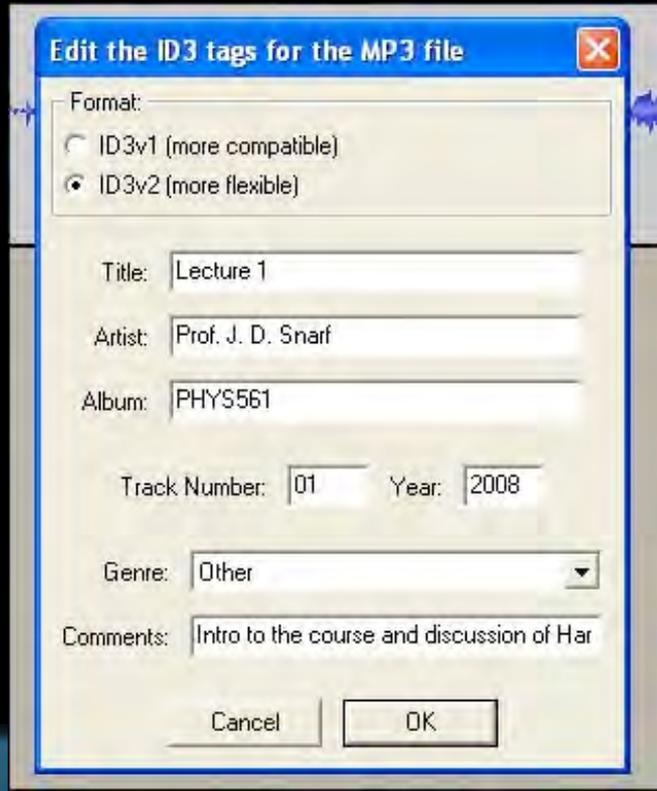
The first time you do this, and only the first time that you export to MP3 you may have to tell Audacity where the LAME .dll file is located.

When prompted to find the LAME .dll file, browse through to find it. If your version of Audacity doesn't require this, great. But if it does browse to the LAME .dll and select it. Then proceed with the export procedure.

Export to mp3

Entering your metadata – yes, this is important - Enter it in the boxes provided.

Title,
Artist,
Album,
Track Number
Genre
Should be consistent



Format:

ID3v1 (more compatible)

ID3v2 (more flexible)

Title: Lecture 1

Artist: Prof. J. D. Snarf

Album: PHYS561

Track Number: 01 Year: 2008

Genre: Other

Comments: Intro to the course and discussion of Har

Cancel OK