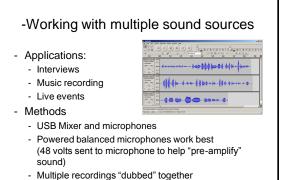
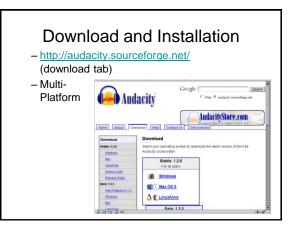


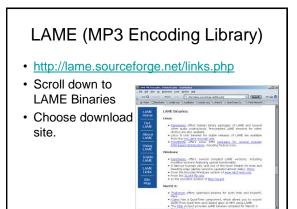
What is Audacity?

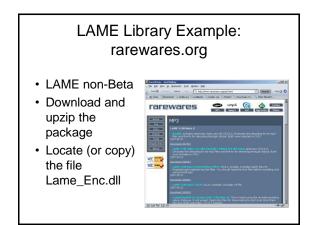
- Audacity is a free, open-source, sound recording and editing tool
- Allows multiple track recording from different sources
- Allows envelope (volume) and time-shift (move timing of sound) editing
- Built-in filters to affect sound quality and special effects



- Musicians like to "fix it in the mix"







1

Linking to the LAME_ENC.DLL

32 -

FindLibrary

Cancel OK

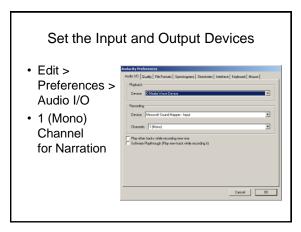
EDIT > PREFERENCES >
FILE FORMATS
[Find Library]

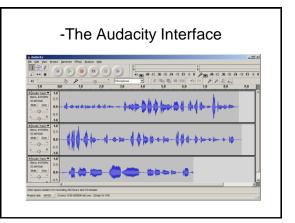
-Recording from a PC headset

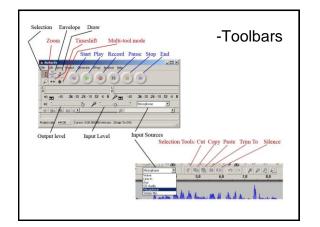
- Benefits of USB Headsets Most Windows machines have very poorly implemented Audio Cards for RECORDING. External sound card within USB headset reduces hum and noise on recording. USB headsets are portable to most devices and install automatically Some include a built-in MUTE button on the headset
 - Microphone Placement above Nose



keeps breath sounds at a minimum and provides optimum distance for low signal-to-background noise.







-Adding background sounds or theme music

- Record and edit narration tracks, to remove unwanted materials (ummms, pauses, do-overs)
- Project > Import Audio (for background)
- Adjust Envelopes on background for Introduction (start loud, then decay), and

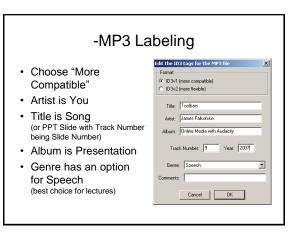
End (start loud, then grow & out)

-Saving and compressing the files for online delivery

Edit > Preferences
 File Formats
 MP3 Export Setup
 Bit Rate:
 32 (voice only)
 to 80 (music)
 depending on
 content type
 File >

Export as MP3

Audacity Preferen	
	File Formats Spectrograms Directories Interface Keyboard House
C Make a cop	uncompressed audio liles into Audacity y of the lile before editing (saler) y from the oliginal lile (faster)
- Uncompressed I	Leport Format
WW/ (Microsof	16 bk PCM)
WW (Microsoft	L Signed 16 bit PCM
- OGG Export Set	up
GGG Quality:	<u>5</u> 0 10
NP3 Export Set	ip
MP3 Likeary Ver	sion LAME v3.97 Find Libror
REBAN	2 -
	1
	49
	64
	80 Cancel OF
	160 192
	22



Raw vs. MP3 File Sizes						
second segm 4.2MB in 7 cli • MP3 32 bit ra	 Uncompressed 5- second segment: 4.2MB in 7 clips MP3 32 bit rate: 23kb (1/182 as large) 		1,037 H3 AJ sudo file 465 H3 AJ sudo file 58 H3 AJ sudo file 58 H3 AJ sudo file 730 H3 AJ sudo file 8 H3 AJ sudo file 8 H3 AJ sudo file 81 H3 AJ sudo file			
 Each 1MB 	🔰 Sample	e16.mp3	14 KB	MP3 audio file (mp3)		
takes 4 min	🔰 Sample	24.mp3	18 KB	MP3 audio file (mp3)		
to download	Sample32.mp3		23 KB	MP3 audio file (mp3)		
on 56kbs	Sample48.mp3		32 KB	MP3 audio file (mp3)		
dial-up	Sample64.mp3		41 KB	MP3 audio file (mp3)		
modem	Sample96.mp3		59 KB	MP3 audio file (mp3)		
	🔰 Sample	e128.mp3	74 KB	MP3 audio file (mp3)		

-Strategies for better recordings and more modular content

- · Record one idea at a time
 - 1 to 4 minutes
 - One PPT slide at a time
 - Easier to replace small "chunks" of content
- Write out and practice a script – Be precise, concise, and accurate
 - Meets 508-accessibility transcript requirements
- · Quiet room to minimize background
- Consistent level settings and microphone placement

-Strategies for Best Voice

- Talk while standing (diaphram / airway)
- Vocal warm-up exercises (we-oh-we-oh)
- Unsweetened citrus drink to clear phlem
- Project (speak to the "cheap seats")
- Excited!
- Smile