

*"To err is human, but to really foul things up
requires a computer."*

Dare to Go Digital!

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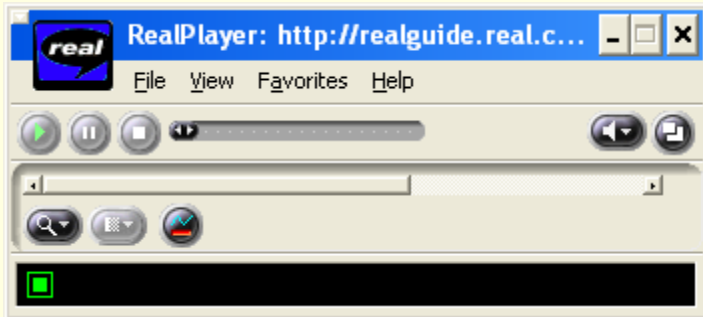
- ▶ *Friday, 10:30-11:30 a.m., Windows Media Applications: Controlling Playback, Electronic Village*
- Friday, 2:00-3:30 p.m., Breaking the Sound Barrier on the Web, Electronic Village*
- Friday, 4:00-4:45 p.m., Multimedia Web Sites for Improving Listening Comprehension Skills*

Development Process

- Decide on the objectives and goals of your media project (personal, program, institutional)
- Examine the feasibility/limitations of technology
- Secure copyright permissions, if needed
- Record, edit, and play multimedia content
- Select encoding format (player penetration into your market, quality, price, etc.)

Media Formats

RealMedia
Flash
Windows Media
QuickTime
MP3



MPEG-1 Audio Layer-3

Recording Environment

- Minimize noises coming in.
- Reduce echoes and reverberation.
- Use a homemade pop screen for noise suppression of aspirated sounds.



Audio Recording

- Sound Card
- Microphones (uni-directional, omni-directional, built-in, and condenser microphones)
- Audio-output devices (headphones, internal and external computer speakers, and LCD projector speaker)
- Insulated audio and video cables
- Basic microphone mixer



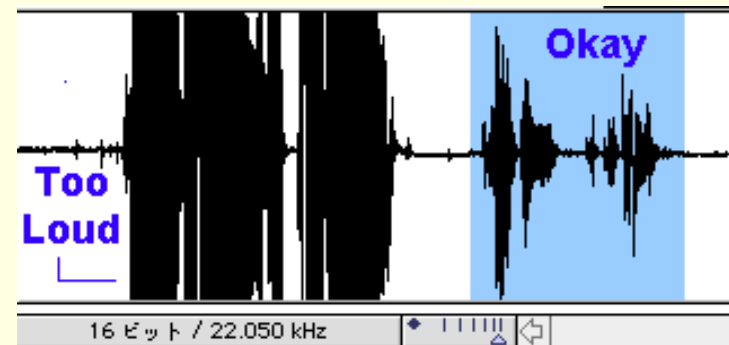
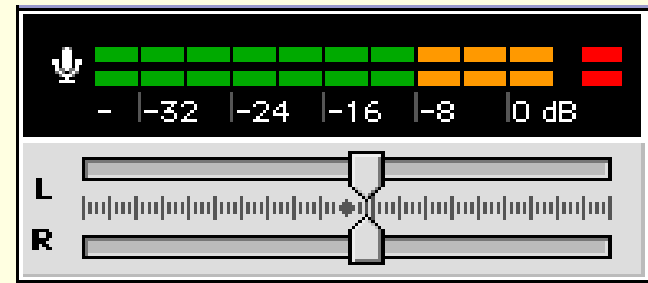
Low-budget Recording Model

- Any PC computer with a basic, integrated sound card.
- Use system recording utility, Sound Recorder, to create source media files, or encode directly to MP3.
- Record with an omni- or uni-directional mic, or condenser mic.

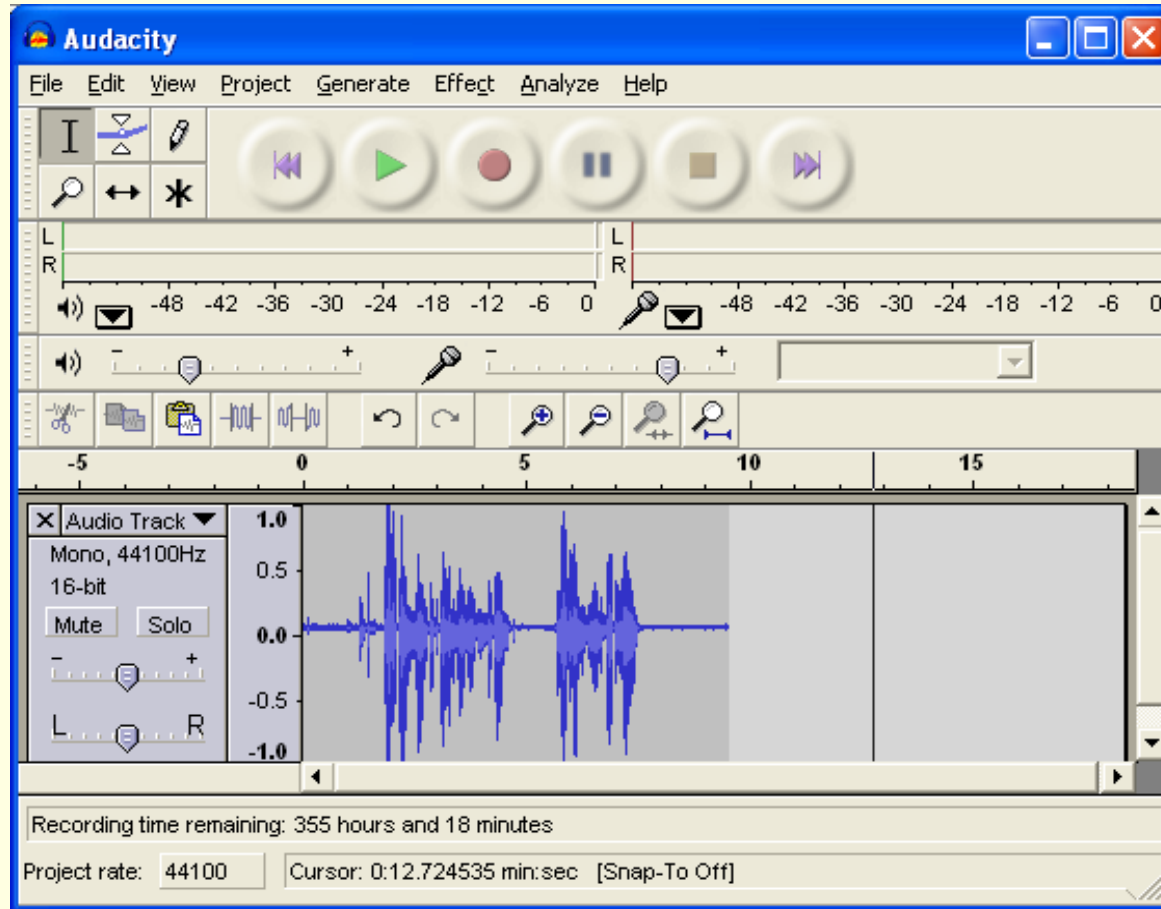


Recording Source Material

- Avoid background noise and equipment vibrations
- Select the Best Sampling Settings
- Adjust volume levels to avoid clipping / distortion
- Record
- Save Raw Sound File
- Edit as Needed



Audacity - <http://audacity.sourceforge.net/> (Windows and Mac)

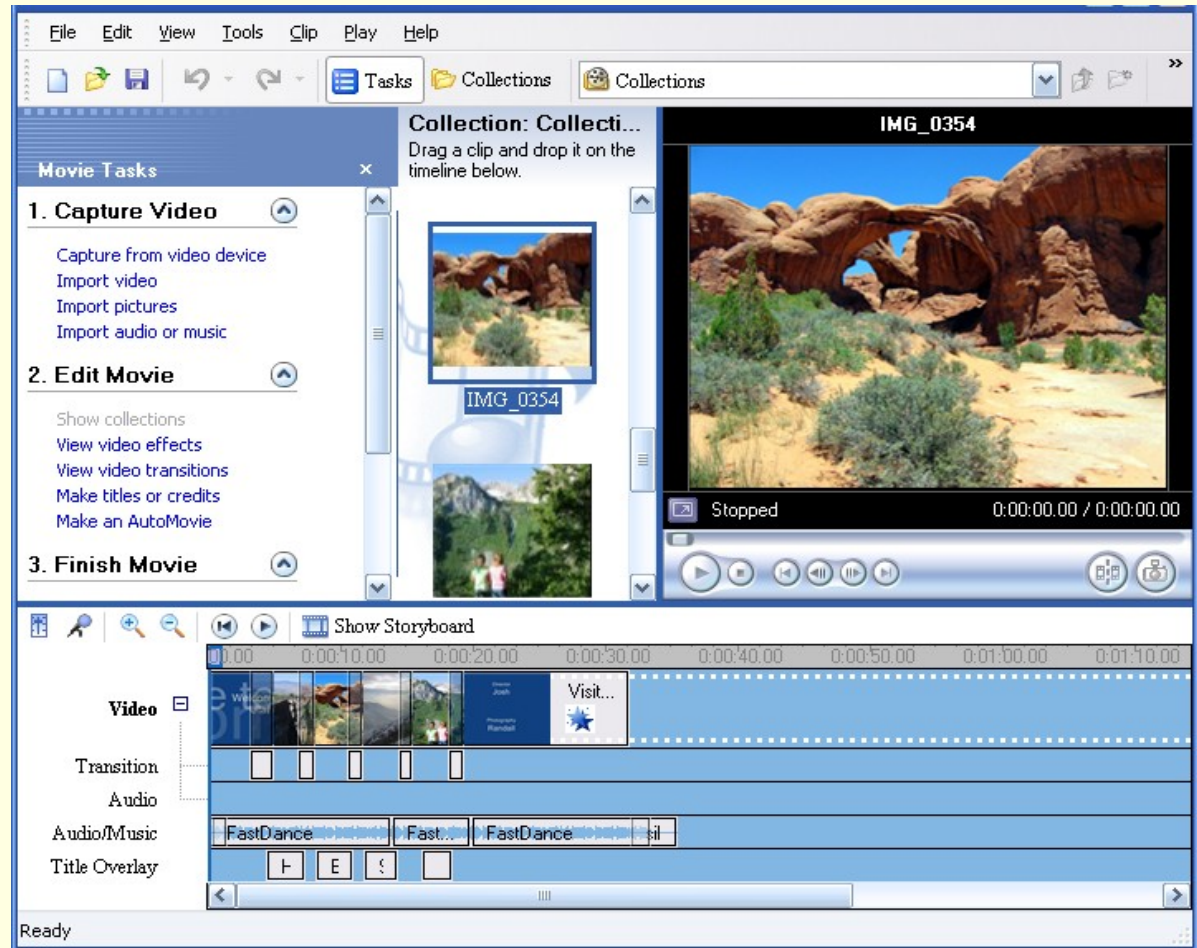


Video Recording

- Mini DV (digital video) camera
- Tape, disc, or hard drive options
- Connecting your camera and computer
- Saving your video



Windows Movie Maker



Sample Video

Other Presentations

- Friday, 10:30-11:30 a.m., *Windows Media Applications: Controlling Playback for Better Listening*, Electronic Village
- Friday, 2:00-3:30 p.m., *Breaking the Sound Barrier on the Web*, Electronic Village
- Friday, 4:00-4:45 p.m., *Multimedia Web Sites for Improving Listening Comprehension Skills*