Podcasting: How to Create Your Own in 30-Minutes

http://pds.hccfl.edu/pds
Podcasting
August, 2007
Objectives

Upon completion of this module, participants will be able to:

1. Identify classroom strategies for utilizing podcasts.
2. Create an original podcast.
What is a Podcast?
Podcasts, short for Personal On Demand Broadcast, is defined in the New Oxford American Dictionary as “a digital recording of a radio broadcast or similar program, made available on the Internet for downloading to a personal audio player.”

A Podcast is typically an mp3 file.

Each separate podcast is typically referred to as an “episode.”

Source:  http://www.zencast.com/about/

Learning Benefits

• Provides learners with mobility

• Creates lecture archives

• Enables *chunking* of difficult material and concepts for review

• Access to Subject Matter Experts

• Enables sharing of course resources, i.e. historical broadcasts, music, language lessons, and speeches

• Helps students develop critical thinking, listening, and speaking skills
What do I need to Podcast?

1. Information/content you wish to broadcast/record
2. Script
3. Quiet place to record
4. Clear speaking voice
5. A computer
6. Headphones - better than speakers to hear every nuance of your podcast
7. Microphone - the better your microphone, the better the quality of your podcast
8. Audacity software (free download) and LAME MP3 encoder (free download)

Podcasting is a Seven Step Process

1. Identify your audience and your message
2. Create a script
3. Assemble the equipment
4. Record your podcast
5. Edit your podcast (if necessary)
6. Save your podcast as an mp3 file
7. Publish and promote your podcast

Podcasts should be approximately 3-5 minutes in length (never more than ten minutes).
Creating a Podcast

Install Audacity software

1. Access the Audacity download site at http://audacity.sourceforge.net/
2. Click *Download Audacity 1.2.6*
3. Click *Audacity 1.2.6 Installer*
4. Click *Run* - install the Audacity program to your computer
Install the LAME MP3 Encoder

5. From the Audacity download page, click **LADSPA plugins 0.4.15 installer**
6. Click **Go to the LAME download page**
7. Click **libmp3lame-win-3.97.zip**
8. Save the zipped folder to your Desktop
9. Once the zipped folder is saved to your Desktop, unzip the folder and save the file to your Desktop.

The first time you use the “Export as MP3” command, Audacity will ask you where lame_enc.dll is saved. You will access lame_enc.dll on your Desktop.

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**Recommended Download**
Clicking on one of the links below will take you to the appropriate automatically start after you click. If you are having trouble try district running.

- **Windows 98/ME/2000/XP/Vista**: Audacity 1.2.6 installer (exe audio editor)

**Optional Downloads**
- LADSPA plugins 0.4.15 installer (exe 5 MB) - over 3
- LAME MP3 encoder - Allows Audacity to export MP3 files

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**Windows**
1. Go to the **LAME download page**.
2. Under “For Audacity 1.2.6 and 1.3.3 on Windows” folder to anywhere on your computer.
3. When you have finished downloading the file, anywhere on your computer.
4. The first time you use the “Export as MP3” command.
5. In case of difficulty, please view our more

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**For Audacity 1.2.6 and 1.3.3 on Windows:**
libmp3lame-win-3.97.zip (Issue 7 Some help HERE)

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**File Download**

Do you want to open or save this file?

- **Name**: libmp3lame-win-3.97.zip
- **Type**: Compressed (zipped) Folder, 152 KB
- **From**: lame.buono.com or

[Open] [Save] [Cancel]

[Always ask before opening this type of file]
Recording Your Podcast

1. Make sure to have your microphone, script, and other necessary materials. Then, open Audacity.

2. Select the source of your audio. Our source is the microphone.

3. When you are ready, click the Record button (red circle).

4. When you have finished recording, click the Stop button (yellow square).

5. Playback your recording by clicking the Play button (green triangle).
To edit your recording, use the editing tools located in the top, left corner of the screen. Following are the two most common editing tools.

Selection Tool - Click and highlight a portion of the audio. You can delete the highlighted audio by pressing delete on your keyboard.

The envelop tool allows you to make an “envelope,” specifying how loud you want a portion of the track.

6. To export your recording as an MP3, click File>Export As MP3
7. Save the MP3 file to the desired location on your computer.
8. Name the file, identify the author, etc. Click OK.

It is recommended that you save your original Audacity file so that you can make future edits without re-recording.
Podcasts Defined

Podcasts, short for Personal On Demand broadcast, is defined in the New Oxford American Dictionary as a digital recording of a radio broadcast or similar program, made available on the Internet for downloading to a personal audio player.

A podcast is typically an mp3 file.

Each separate podcast is typically referred to as an episode.

Source: http://www.zencast.com/about/ - The Zencast website.
How can it enhance learning?

- Provide learners with *mobility*.
- Create *lecture archives*.
- *Chunk* difficult material & concepts for review.
- Access *experts* in various fields.
- *Share course resources*, i.e. historical broadcasts, music, language lessons, and speeches.
- Help students develop *critical thinking, listening, and speaking skills*.

When is it appropriate for a course?

You are the best judge of when podcasting is appropriate for your course. However there are a few things to consider:

- Available resources
- Online course versus on-ground
- Desired use
- Content
Creating Your Own Podcast

- Anyone can create a podcast with a few simple tools.
- The user determines everything: the content, the format, the subject, the perspective, the length, etc.

What do I need to podcast?

- Information/content you wish to broadcast
- Outline of your material
- Script
- Quiet place to record
- Clear speaking voice
**The Technical Stuff**

- **A Computer**

- **Headphones - Why headphones and not speakers?**
  - Headphones allow you to hear every nuance of your podcast.

- **A Good Microphone**
  - The better the microphone, the better your podcast will sound, which results in better quality

- **The FREE Audacity Software**
  - http://audacity.sourceforge.net/

**It’s a 7 Step Process**

1. Decide who your audience is, your message, and what to talk about
2. Develop a script or outline
3. Assemble the equipment
4. Record
5. Edit
6. Convert to mp3
7. Publish and promote
How long should a podcast be?

3 to 5 minutes!
No more than 10!

About the Software

Audacity: An Open Source Digital Editing program

- This is the best option for people who are just getting started creating podcasts
- Works on Windows, Mac, and Linux
- Extremely simple to learn and use
- Allows you to record your podcast, edit, and then save to an mp3 format
About the Software

Download Audacity and the plug-in LAME MP3 encoder

http://audacity.sourceforge.net/

http://audacity.sourceforge.net/help/faq?s=install&item=lame-mp3

Install Audacity onto your PC! (Programs Folder)

The Audacity Interface
**Legal Issues and Copyright**

- Beware of using licensed music
- Use public domain or music under Creative Commons license
- Pay for the Royalty Free downloads
- Odeo [http://www.odeo.com/](http://www.odeo.com/)
- Create your own music

**Finding Podcasts Online!**

- iTunes Store
- Podcast Directories
  - [http://www.ipodder.org/](http://www.ipodder.org/)
<table>
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By [Bart G. Farkas](http://www.podcasting-tools.com/)  
Podcasting Resources - [http://www.podcastingnews.com/topics/Podcasting_Resources.html](http://www.podcastingnews.com/topics/Podcasting_Resources.html)  
EDUCAUSE Podcasting - [http://www.educause.edu/content.asp?page_id=645&PARENT_ID=786&bhcp=1](http://www.educause.edu/content.asp?page_id=645&PARENT_ID=786&bhcp=1)  
Podagogy - [http://blog.podagogy.com/?page_id=49](http://blog.podagogy.com/?page_id=49)  
by [Michael Geoghegan, Dan Klass](http://www.podcastingnews.com/topics/Podcasting_Resources.html)  
by [Todd Cochran](http://blog.podagogy.com/?page_id=49)  
Podcasting For Dummies (2005)  
by [Tee Morris, Evo Terra](http://blog.podagogy.com/?page_id=49)  
by [George Colombo, Curtis Franklin](http://edweb.sdsu.edu/courses/edtec700/POD/resources.htm) |