



Podcasting and Skype
 Eastern Suffolk BOCES
 Westhampton Beach
 10/29/09

What is a Podcast?

- Allows you listen or watch when, where and how you want
- No iPod necessary! Can listen at your computer (or for convince, an mp3 player)
- Audio files in mp3, aac, wav or other format (suggest mp3 for compatibility)
- Like a magazine subscription – but delivered to your computer – automatically
- Typically serve niche markets

Podcatching software

- Use “Podcatching” software to save audio (or video) files to your computer
 - Software automatically collects newest episodes and organizes them
- Examples:
 - iTunes (<http://www.apple.com/itunes>)
 - Juice (<http://juicereceiver.sourceforge.net/index.php>)
- Online Examples:
 - Google Reader (<http://www.google.com/reader>)
 - My Yahoo (<http://my.yahoo.com>)
- Large Multi-Platform List
 - (<http://www.buzzmaven.com/podcast-software-list.html>)

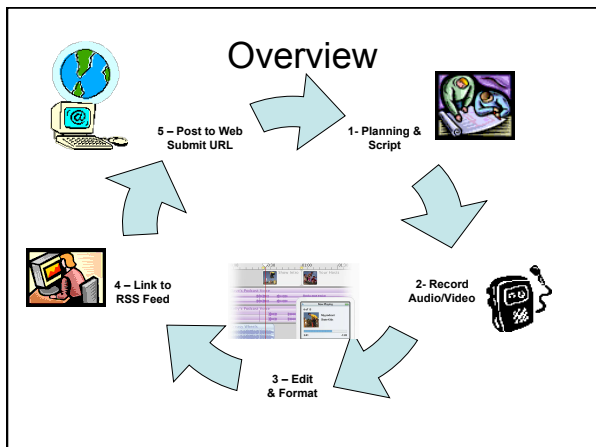
Podcasts




- TWIT: This Week in Tech (<http://twit.tv/twit>)
- Student Created "What I Learned in Fourth Grade" (<http://www.powermediaplus.com/podcasts/podcast.aspx?pmpObjectId=15937&digitalUserId=286514%20>)
- Student Created Sachem PSA Sample (feed://www.sachem.edu/bill/hia/fifth/psapodcast/podcast.xml)
- Find others using:
 - iTunes music store (generally podcasts are free)
 - Podcast Alley (<http://www.podcastalley.com>)
 - Podcast Directory (<http://www.podcastdirectory.com/>)
 - Education Podcast Network (<http://epnweb.org/>)
- Locate Podcasts of Interest

Create Your Own

- Use a Web Service such as:
 - Podomatic: <http://www.podomatic.com>
 - Podbean: <http://www.podbean.com/>
- Manage the Workflow yourself
 - Most control but must create all files and copy to webserver yourself
- Combination: some service & some self
 - PowerMedia Plus (<http://www.powermediaplus.com>)
 - File Den: (<http://www.fileden.com>)
 - Poderator (<http://www.poderator.com>)



Services

- Hosting Services:
 - Podbean: <http://www.podbean.com/>
 - Switchpod: <http://www.switchpod.com/>
 - MyPodcast: <http://www.mypodcast.com/> (questionable ads)
 - Podomatic: <http://www.podomatic.com>
 - Power Media Plus: <http://www.powermediaplus.com>
- Poderator - online RSS Generator - you store audio files, this creates RSS code for you, just upload the created file: <http://www.poderator.com/>
 - Use in Conjunction with File Storage such as own web server or service such as File Den: <http://www.fileden.com>

Service Comparison

Free Service	Size Limit	Supported File Types	Bandwidth	Notes
Podbean	100 Mb total (30 Mb per episode)	jpg, gif, mp3, m4a, ogg, mp4, m4v, mpg, mov, avi, flv, 3g2, 3gp, wmv, pdf, doc, xls, ppt, zip	5Gb / Month	
Switchpod	200 Mb	mp3, mov, mp4, m4v	unlimited	Needs image
Podomatic	500 Mb (350 Mb per episode)	mp3, flv, mp4	15 Gb / Month	Questionable content

Service Comparison

Free Service	Size Limit	Supported File Types	Bandwidth	Notes
File Den	1 Gb total (50 Mb per file)	All	5Gb / Month	
The Box	1 Gb total (25 Mb per file)	All	Not Listed	
Teacher Tube	Max: Not specified (100 Mb per episode)	mp3, wav, mpeg, wmv, avi, mov, mpg, flv, mp4, m4v	Not Listed	Larger file sizes for video or longer audio

Tools (all free)

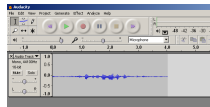
- Audacity (<http://audacity.sourceforge.net/download/>)
- Lame mp3 Encoder-just a name, not a description
<http://audacity.sourceforge.net/help/faq?s=install&item=lame-mp3>
- iTunes (<http://www.apple.com/itunes/download/>)
- Skype (<http://www.skype.com/>).

Sample Episode

- Choose a Hobby of yours to talk about
- Make note of 2-3 important facts about your topic
- Write a short script or additional notes to use when recording your episode

Record Using Audacity and a Mic

- Launch the Audacity Program (Desktop icon)
- Click Record (Red Circle) and Speak into the Microphone
- Click Stop (Yellow Square) when finished
- Optional: Edit as needed
- Use File->"Export as Mp3" to save your episode



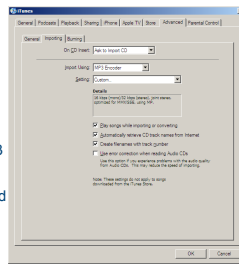
Optional Info: Use iPod Classic

- For away from computer use (interviews, etc)
- Plug microphone attachment into the bottom
- Press "record" (click center button on ipod)
- Record PSA, Interview, Etc.



Optional Info: Use iPod Classic

- Connect iPod to computer (after removing microphone and saving the recording)
- iTunes automatically copies recording onto the computer (prompt)
- Set iTunes Preferences for importing (Edit->Preferences->Advanced->Importing) to .mp3 Encoder and for spoken podcast 32kbps stereo
- Convert imported .wav file (large) to mp3 by selecting file and clicking Advanced->Convert Selection to mp3
- Use converted file for podcast – drop and drag from iTunes



Editing

- Add Sound Effects and/or Music
- Clean up unwanted sounds / pauses
- Change / Distort voices
- "Enhanced" audio podcasts can contain still images
- Software (free)
 - Audacity
 - Garageband
 - iMovie

Editing – Add Sound Effects / Music

- Be sure to use Copyright Friendly Sounds/Music
- Sources:
 - Soundzabound (included in Virtual Reference Collection) (<http://www.soundzabound.com/>)
 - Podsafe Audio (<http://podsafeaudio.com/>)
 - Partners in Rhyme (<http://www.partnersinrhyme.com/pir/PIRsfx.shtml>)
 - Jamendo (<http://www.jamendo.com/en/>)

Legal Issues

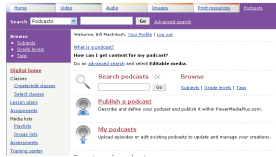
- Podcasting Legal Guide (http://wiki.creativecommons.org/Welcome_To_The_Podcasting_Legal_Guide#Podcasting_Legal_Guide)

Choose Web Service and Upload

- Host on your web server: Use code generator (note file sizes and length of each episode)
 - Poderator: <http://www.poderator.com>
 - File Den: <http://www.fileden.com>
- Host with service: Auto-generate RSS Code
 - Podbean: <http://www.podbean.com/>
 - Switchpod: <http://www.switchpod.com/>
 - Podomatic: <http://www.podomatic.com>
 - Power Media Plus: <http://www.powermediaplus.com>

PowerMedia Plus (Inc. with Digital Media Library)

- Go to <http://www.powermediaplus.com>
 - Audio Files must be .mp3
 - Video files must be .m4v (mpeg-4 video)
- Log in and Click the Podcast Tab
- Start a new Podcast
 - Publish a Podcast
 - Checkbox for sharing
- Add Episodes to Podcast
 - My Podcasts
 - Add Episodes

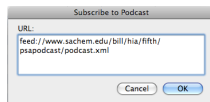


Subscribe to Power Media Plus Podcast

- Log into your PowerMedia Plus Account
- Click on Podcasts
- Choose "My Podcasts" and Select the Podcast you created (or use search to link to someone else's podcast)
- Click the link next to "Subscribe to this Podcast"
- Podcast downloads into iTunes (on computer)
- Copy Podcast(s) onto ipod for portable listening or listen at your computer

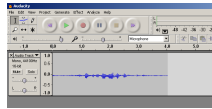
Subscribe to Any Podcast - iTunes

- Copy the website address of the podcast "feed" (generally an .xml file)
- Open iTunes
- Click on "Advanced" Menu
- Choose "Subscribe to Podcast"
- Paste the URL of podcast "feed" into window (may need to use keyboard shortcut for past (ctrl-v for Windows or Apple/command-v for Mac)
- Click "OK"



Record Using Skype and Audacity

- Launch and log into Skype
- Call desired parties
- Launch the Audacity Program
- Click the Record button
- Click Stop when finished
- Save Audacity File
- Edit as needed
- Use File->"Export as Mp3" to save your episode



Resources

- List of Podcasting Tools:
<http://www.podcasting-tools.com/huge-list-podcasting-tools.htm>
- <http://www.rss-specifications.com/podcast-tools.htm>
- Free Online Podcasting Course (Ads)
<http://www.freepodcastcourse.com/>

Thank You

- Thank you for attending we hope that you enjoyed the presentation
- Contact Bill at wmacintosh@sachem.edu or Al at apisano@sachem.edu
