



**Podcasting and Skype**  
 Eastern Suffolk BOCES  
 Westhampton Beach  
 02/26/09

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**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

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**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>)

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## 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

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## 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>)
  - Poderator (<http://www.poderator.com>)

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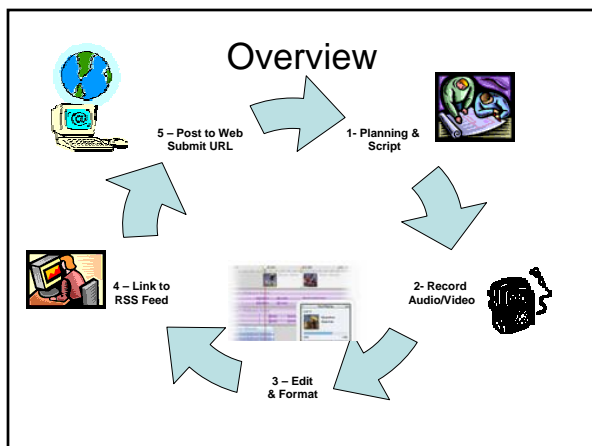
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## Services

- 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/>

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## 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

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## 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/>).

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## 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

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## 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



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## Optional Info: Use iPod

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



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## Optional Info: Use iPod

- 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



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## 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

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## 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/>)

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## Legal Issues

- Podcasting Legal Guide ([http://wiki.creativecommons.org/Welcome\\_To\\_The\\_Podcasting\\_Legal\\_Guide#Podcasting\\_Legal\\_Guide](http://wiki.creativecommons.org/Welcome_To_The_Podcasting_Legal_Guide#Podcasting_Legal_Guide))

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## 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>
- 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>

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## PowerMedia Plus (not free after June)

- 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



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## 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

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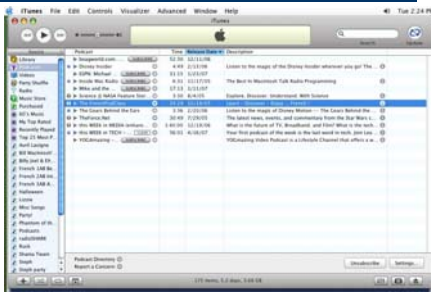


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## Sample using iTunes




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## Sample using iTunes




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## Using Skype

- Free Audio/Video Conference Software
- Conference with multiple people simultaneously

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## 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



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## Resources

- List of Podcasting Tools:  
<http://www.podcasting-tools.com/huge-list-podcasting-tools.htm>
- <http://www.rss-specifications.com/podcast-tools.htm>

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## Thank You

- Thank you for attending we hope that you enjoyed the presentation

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