



Music on the Internet

How to get yours!

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Today we'll cover --



- Music formats
- Uses for music on your computer
- Playing music on your computer
- Editing music files
- Where to get music _

Music on the Internet



- This is how I do it
- Not necessarily the best way -- certainly not the only way
- But it's what I know how to do _

Music Formats

- **Three major groups of audio file formats:**
 - **Uncompressed:** WAV, AIFF, AU;
 - **Lossless compression:** FLAC, APE, WV, Shorten, TTA, ATRAC, MPEG-4 SLS, MPEG-4 ALS, MPEG-4 DST, Windows Media Audio Lossless (WMA Lossless);
 - **Lossy compression:** MP3, Vorbis, Musepack, AAC, ATRAC and lossy Windows Media Audio (WMA). _

Music Formats

- **I use files with the mp3 format:**
 - **Hi compression:** about $\frac{1}{11}$ the original
 - **Minimizes storage space**
 - **Suitable for mobile player**
 - **Quality acceptable** _

How can you use these files?

- **Play on the computer**
- **Play on a mobile player**
- **Insert into slideshows, PowerPoint docs**
- **Email to your contacts _**

Playing music on a computer

- **To play music on your computer you need an audio player**

- I use iTunes

- Free download from:

- <http://www.apple.com/itunes/download/>

- There are many others:

- Windows 7 comes with Windows Media Center (but they spelled it wrong) and Windows Media Player
- Winamp... _

Google “audio player” and
go to Tucows

Editing music

- **You may want to edit a music file.**
Perhaps:
 - It contains material you don't want
 - It's too long for your slideshow
 - You want to join several songs together into one mp3 file
 - **For a slideshow or other purposes _**

Editing music

- **There are many free music editors:**
 - WavePad
 - Audacity
 - Etc....

Search on Google, Tucows,
CNET

Where to get music



- **Ripping CDs**
- **Payment required internet sites**
- **Free internet sites**
- **YouTube, Facebook, Google Video, Yahoo Video**
- **Free Usenet newsgroups _**

Where to get music



- **Ripping CDs**

- Windows Media Player will copy and convert music files on a CD to an mp3 file
- Many music editors also support ripping _

Search on Google, Tucows,
CNET for others

Where to get music

- **Payment required internet sites**
 - iTunes provides access to the iStore
 - Amazon ...

Google “music download
sites”

Where to get music



- **Free internet sites**

Google “free music
download sites”

But beware of tricks and
scams

Where to get music

- **YouTube, Facebook, Google Video, Yahoo Video**
 - Search YouTube for the desired song
 - Download it with special software that converts to an mp3 file
 - Such as YouTube Downloader
<http://youtubedownload.altervista.org/> _

Where to get music

- **Free Usenet newsgroups**

What is the
Usenet?

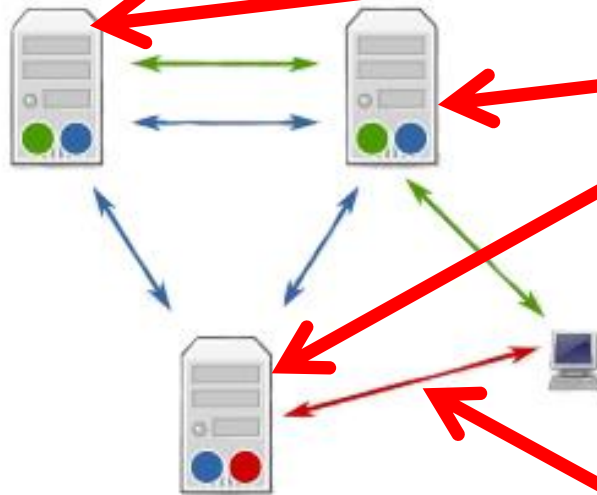
The Usenet

- The **Usenet** is a worldwide distributed Internet discussion system, established in 1980
- Users read and post messages (called *articles* or *posts*, and collectively termed *news*) to one or more categories, known as **newsgroups** —

The Usenet (cont'd)

- The newsgroups are maintained on various servers, linked together
- There are more than 20,000 active newsgroups
- The precursor to today's Internet forums
- Sort of hybrid between email and web forums _

Usenet/Newsgroups architecture



Servers with different newsgroups - linked

Your computer with newsreader software

Usenet service provider (optional)

The Usenet (cont'd)

- The posts (within each newsgroup) can contain binary material, such as music files
- There are presently 720 music newsgroups
 - By decade, artist, type of music...
- Their posts can be downloaded with newsreader software _

Usenet Newsreader software

- Many different programs
- I use Forte Agent
 - <http://www.forteinc.com/agent/index.php>
- Comes in paid and free (Free Agent) versions _

Search on Google, Tucows,
CNET for others

Forte Agent newsgroup

Postings

Agent - [alt.binaries.sounds.mp3.1990s]

File Edit View Action Navigate Folder Message Tools Window Help

Folders Message List Message

Status	Lines	Subject	All Messages	Author	Date
	41679	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [016/113] - "014 - Damn ... High Enough.mp3" yEnc (* /14)		GoingApe	23/06/2010 3:09 PM
	38702	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [015/113] - "013 - Maria...ey - Someday.mp3" yEnc (* /13)		GoingApe	23/06/2010 3:07 PM
	45653	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [014/113] - "012 - Stevi...ostman Song).mp3" yEnc (* /15)		GoingApe	23/06/2010 3:05 PM
	37271	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [013/113] - "011 - Boyz L... Motownphilly.mp3" yEnc (* /13)		GoingApe	23/06/2010 3:03 PM
	36029	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [012/113] - "010 - Amy Grant - Baby Baby.mp3" yEnc (* /12)		GoingApe	23/06/2010 3:02 PM
	36892	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [011/113] - "009 - Surface - First Time.mp3" yEnc (* /13)		GoingApe	23/06/2010 3:01 PM
	52814	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [010/113] - "008 - Hi-Fiv...issing Game).mp3" yEnc (* /18)		GoingApe	23/06/2010 3:01 PM
	35603	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [009/113] - "007 - Extre...e Than Words.mp3" yEnc (* /12)		GoingApe	23/06/2010 2:58 PM
	31760	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [008/113] - "006 - Emf - Unbelievable.mp3" yEnc (* /11)		GoingApe	23/06/2010 2:55 PM
	29711	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [007/113] - "005 - Timmy...ne More Try.mp3" yEnc (* /10)		GoingApe	23/06/2010 2:54 PM
	44282	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [006/113] - "004 - Paula ...l - Rush Rush.mp3" yEnc (* /15)		GoingApe	23/06/2010 2:52 PM
	38860	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [005/113] - "003 - C+c M...e You Sweat.mp3" yEnc (* /13)		GoingApe	23/06/2010 2:51 PM
	37483	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [004/113] - "002 - Color ...na			:49 PM
	58145	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [003/113] - "001 - Bryan ...De			:47 PM
	433	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [002/113] - "Billboard 19...on			:47 PM
	120	Billboard Top100 1991 - REQ: Top100 1990 1994 1995 1996 1997 1998 1999 [001/113] - "Top100 1991			:47 PM
	7	ATTN: SPEEDY...please repost 3 Evanescence files			:03 AM
	1	REQ Evanescence (regular albums please, not EP)			:25 PM
	1	REQ Evanescence			:42 AM
	15	Re: frank carlino			:33 PM
	48876	Re: REQ: The Star Spangled Banner. I need it for a project. Thanks in advance - The National Anthem.mp3			:09 AM
	16	Re: REQ: The Star Spangled Banner. I need it for a project. Thanks in advance - The National Anthem.mp3 (0/1)		Frank N. Christ	18/07/2010 11:09 AM
	9	Re: SpIn - Scratches (320 kbps CBR) - [1/1] - "SpIn - Scratches (In The Sand).mp3" yEnc		exorcist	11/07/2010 6:06 AM
	9	Does anybody have Spijn - Scratches (in the sand)		exorcist	09/07/2010 5:42 AM
	9	Anybody have anything by The Real People (Liverpool Group)		exorcist	08/06/2010 8:22 AM
	10	REQ - Mindless Self Indulgence Revolver Bootleg series please		exorcist	04/06/2010 3:11 PM

Request for a particular file

Usenet service providers

- Not required, but improves access
- I use Supernews
 - <http://www.supernews.com/> _

Search on Google, Tucows,
CNET for others



That's it!

Questions?

Comments?