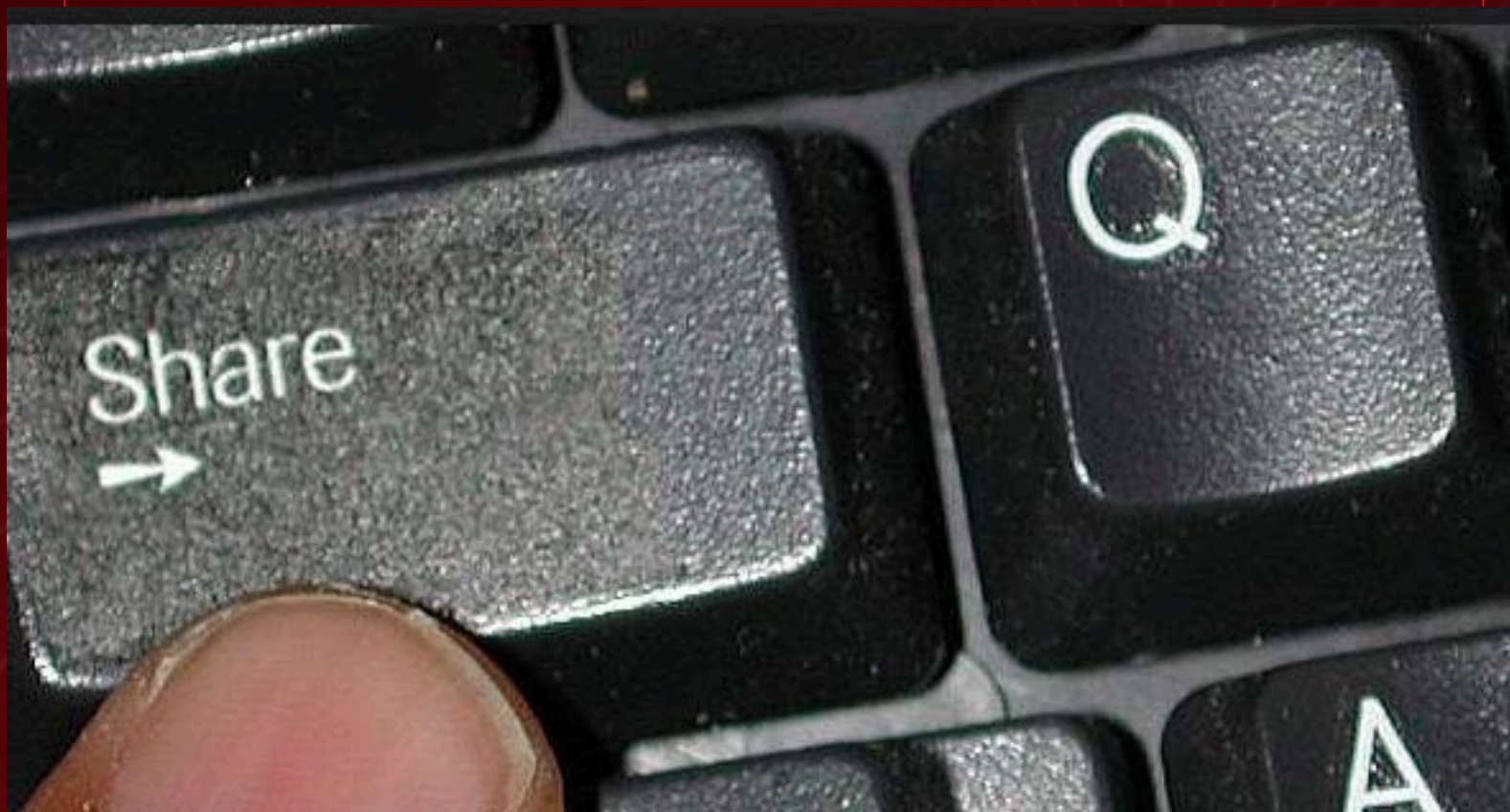


- Streaming, Filesharing peer-to-peer, Napster



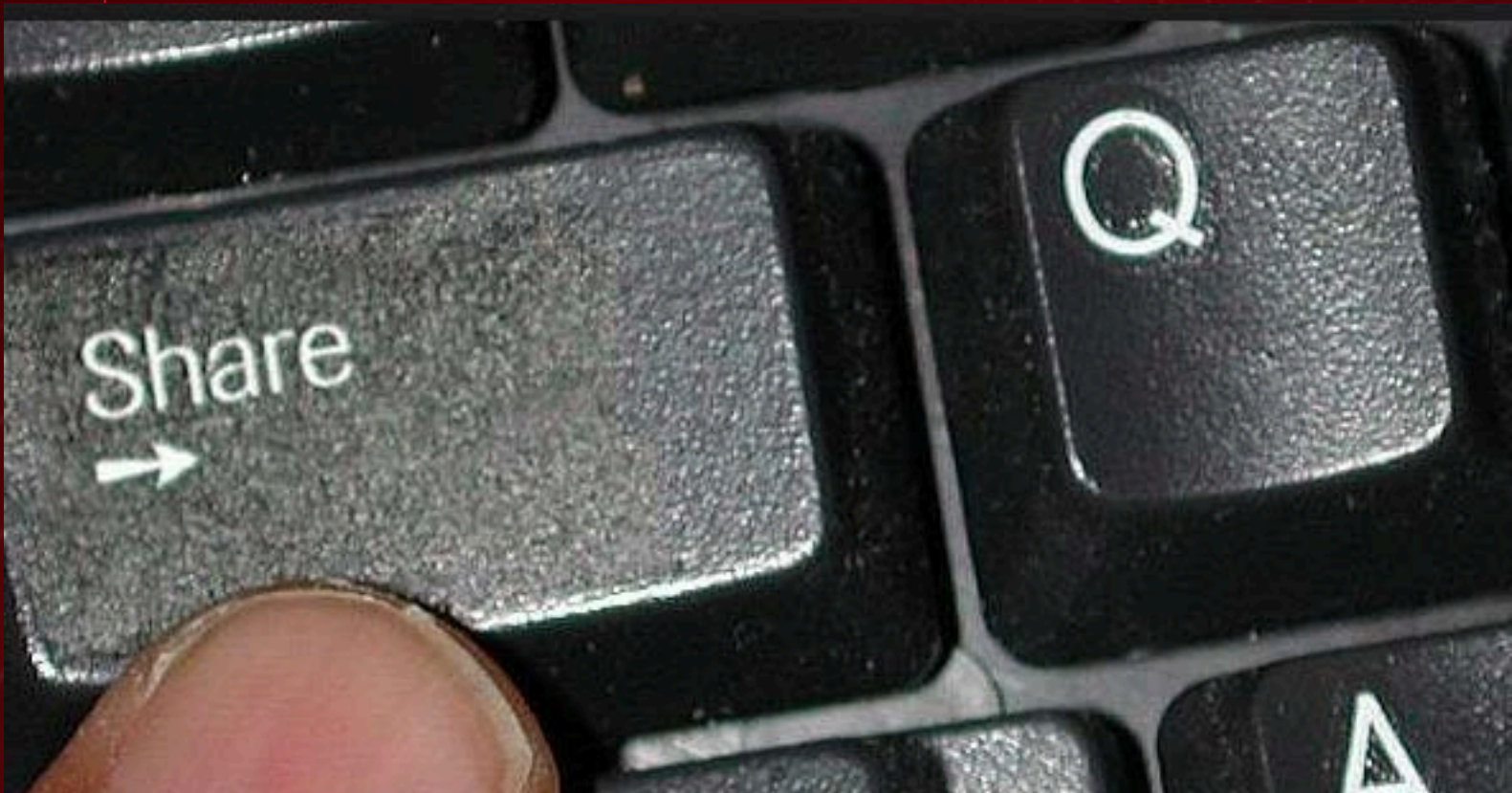
Download: Scaricare un file dalla rete Internet sul proprio computer.



Streaming: Prelevare brani musicali - poi video - su Internet e di eseguirli sul proprio computer quasi in tempo reale.



Buffering: il breve tempo che si deve attendere prima che parta la riproduzione del file.



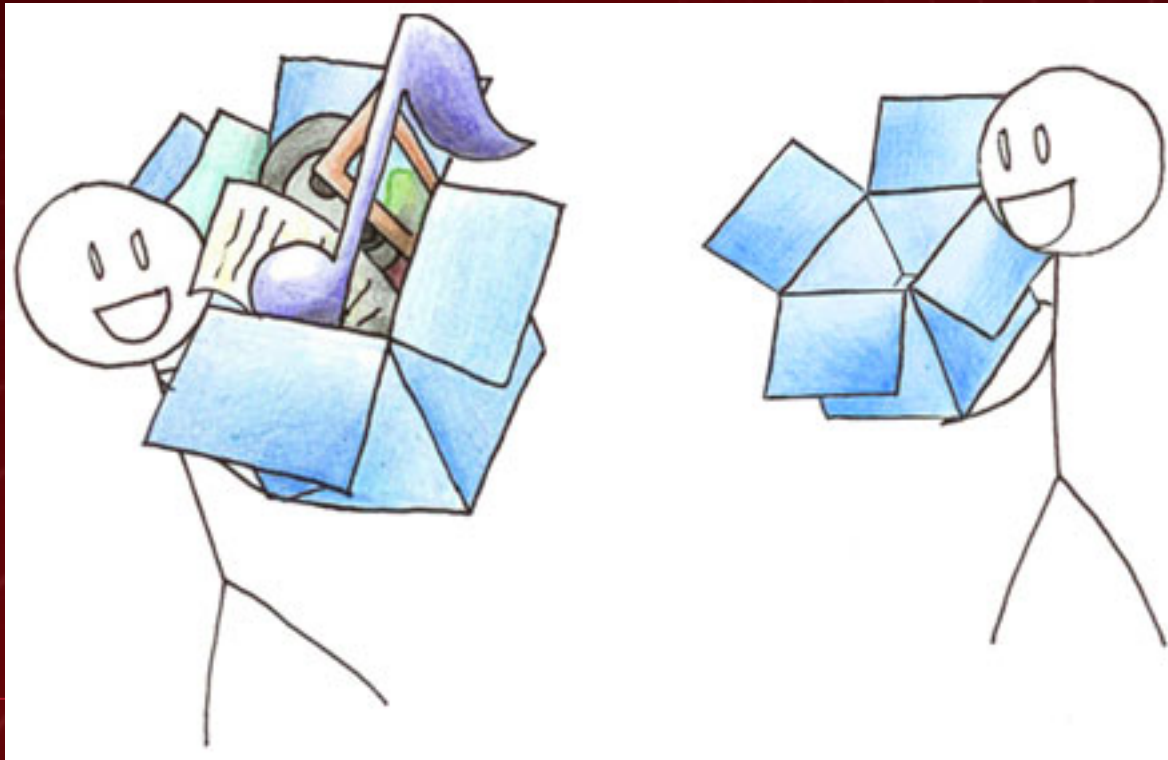
Software per lo streaming:



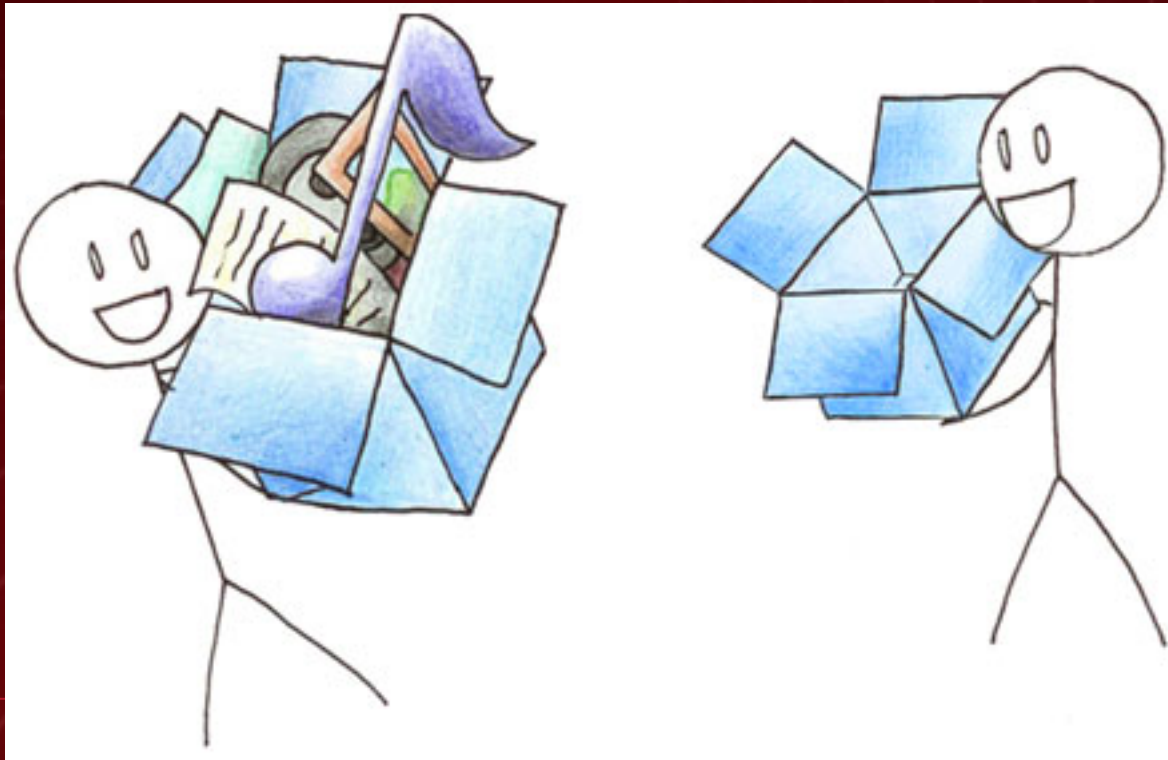
QuickTime per Mac dal 1991

RealAudio per Windows dal 1995

Filesharing: Condivisione e scambio gratuito di file (P2P) tra utenti Internet



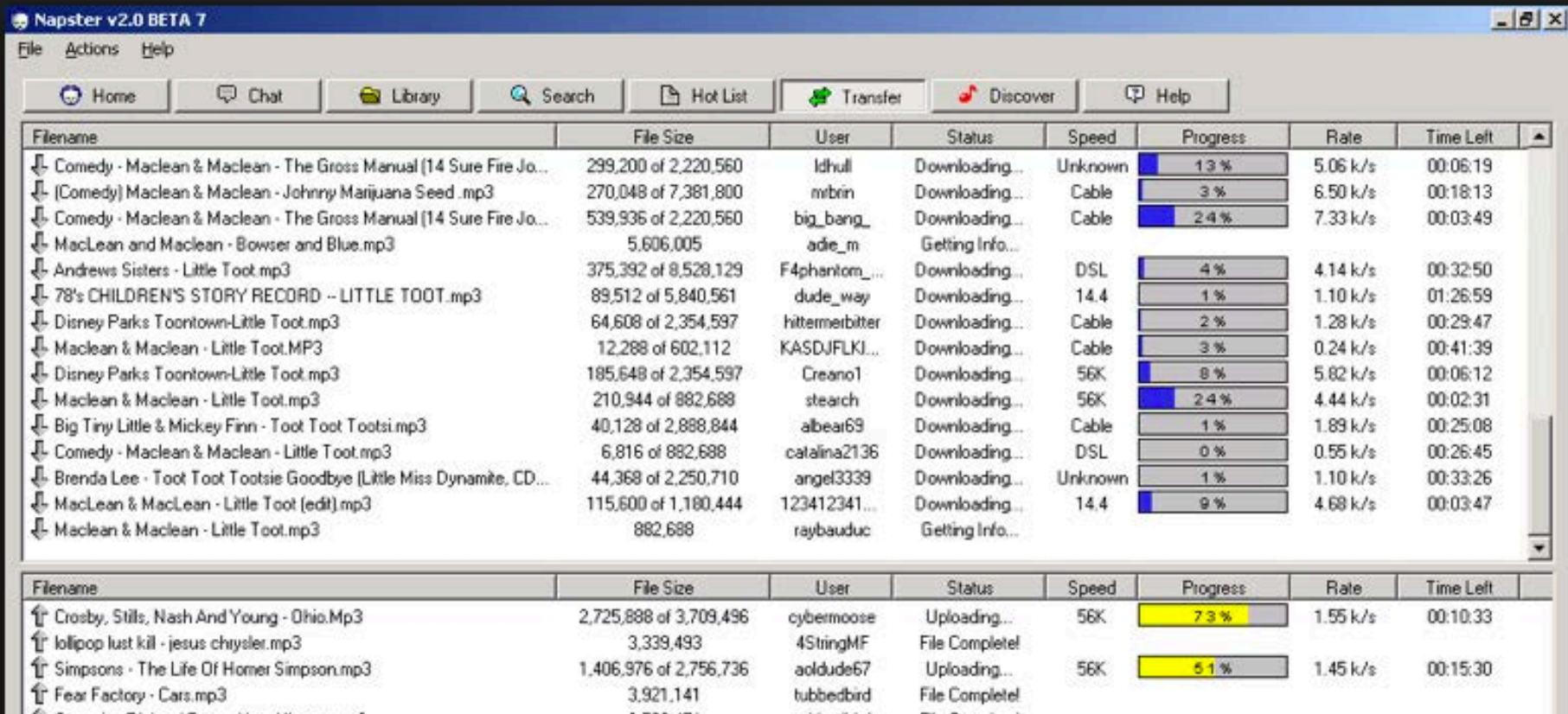
P2P = peer to peer =
condivisione alla pari tra
utenti Internet.



Il lettore MP3 è l'erede del walkman



Napster, il più popolare sito di filesharing, è condannato in tribunale e chiuso nel 2001.



The screenshot shows the Napster v2.0 BETA 7 application window. The interface includes a menu bar (File, Actions, Help) and a toolbar with buttons for Home, Chat, Library, Search, Hot List, Transfer, Discover, and Help. Below the toolbar is a table displaying the status of various files. The table has columns for Filename, File Size, User, Status, Speed, Progress, Rate, and Time Left. The top section of the table shows files being downloaded, with progress bars indicating the percentage of completion. The bottom section shows files being uploaded, also with progress bars.

Filename	File Size	User	Status	Speed	Progress	Rate	Time Left
Comedy - Maclean & Maclean - The Gross Manual (14 Sure Fire Jo...	299,200 of 2,220,560	ldhull	Downloading...	Unknown	13 %	5.06 k/s	00:06:19
(Comedy) Maclean & Maclean - Johnny Marijuana Seed .mp3	270,048 of 7,381,800	mbrin	Downloading...	Cable	3 %	6.50 k/s	00:18:13
Comedy - Maclean & Maclean - The Gross Manual (14 Sure Fire Jo...	539,936 of 2,220,560	big_bang_	Downloading...	Cable	24 %	7.33 k/s	00:03:49
MacLean and Maclean - Bowser and Blue.mp3	5,606,005	adie_m	Getting Info...				
Andrews Sisters - Little Toot.mp3	375,392 of 8,528,129	F4phantom_...	Downloading...	DSL	4 %	4.14 k/s	00:32:50
78's CHILDREN'S STORY RECORD -- LITTLE TOOT.mp3	89,512 of 5,840,561	dude_way	Downloading...	14.4	1 %	1.10 k/s	01:26:59
Disney Parks Toontown-Little Toot.mp3	64,608 of 2,354,597	hitteimerbitter	Downloading...	Cable	2 %	1.28 k/s	00:29:47
Maclean & Maclean - Little Toot.MP3	12,288 of 602,112	KASDJFLKJ...	Downloading...	Cable	3 %	0.24 k/s	00:41:39
Disney Parks Toontown-Little Toot.mp3	185,648 of 2,354,597	Creano1	Downloading...	56K	8 %	5.82 k/s	00:06:12
Maclean & Maclean - Little Toot.mp3	210,944 of 882,688	stearch	Downloading...	56K	24 %	4.44 k/s	00:02:31
Big Tiny Little & Mickey Finn - Toot Toot Tootsi.mp3	40,128 of 2,888,844	albear69	Downloading...	Cable	1 %	1.89 k/s	00:25:08
Comedy - Maclean & Maclean - Little Toot.mp3	6,816 of 882,688	catalina2136	Downloading...	DSL	0 %	0.55 k/s	00:26:45
Brenda Lee - Toot Toot Tootsie Goodbye (Little Miss Dynamite, CD...	44,368 of 2,250,710	angel3339	Downloading...	Unknown	1 %	1.10 k/s	00:33:26
MacLean & MacLean - Little Toot (edit).mp3	115,600 of 1,180,444	123412341...	Downloading...	14.4	9 %	4.68 k/s	00:03:47
Maclean & Maclean - Little Toot.mp3	882,688	raybauduc	Getting Info...				

Filename	File Size	User	Status	Speed	Progress	Rate	Time Left
Crosby, Stills, Nash And Young - Ohio.Mp3	2,725,888 of 3,709,496	cybermoose	Uploading...	56K	73 %	1.55 k/s	00:10:33
lollipop lust kil - jesus chrysler.mp3	3,339,493	4StringMF	File Complet				
Simpsons - The Life Of Homer Simpson.mp3	1,406,976 of 2,756,736	aoldude67	Uploading...	56K	51 %	1.45 k/s	00:15:30
Fear Factory - Cars.mp3	3,921,141	tubbedbird	File Complet				

Lo scoppio della bolla speculativa su Internet, 2000-2001



11 settembre 2001

Il listino dei titoli tecnologici (NASDAQ)
Alla Borsa di New York



- Il **filesharing** è un punto di scontro fra chi vuole la libertà della rete e i detentori dei diritti sulla musica (e poi i video).

- Con lo **streaming** la rete inizia a diventare **multimediale**.
- Il vecchio **Walkman** cede al lettore **MP3**.

- Lo scoppio della bolla speculativa e l'11 settembre 2001: **fine del Web 1.0.**
- I **portali** non saranno mai più così importanti.

Il Web 1.0

Conclusioni:

- Nasceranno nuove **forme partecipative**.
- Internet è ormai la **comunità più grande del mondo**.