

マルチメディア配信システム

- No.15 コンテンツ配信アプリケーション (2) -

渡辺 裕

Multimedia Distribution System

- No.15 Content Distribution Application (2) -

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Multimedia Services and Applications

- Browser
- Network Assisted Audio Distribution
- Still Image Album, Video Album
- Telephone/Videophone on the Internet
- SNS

Browser

- [Internet Explorer](#)
 - Internet Explorer 7 includes tab browser, RSS reader, search engine bar. (RSS: RDF Site Summary)
- [Firefox](#) (Mozilla)
 - Open source web browser developed by Mozilla Foundation. Versions for Windows, Linux, Mac OS X are all free.
- [Safari](#)
 - Developed by Apple Inc. Standard in Mac OS X.
- [Netscape](#)
 - Netscape Communications developed based on the newest code provided by Mozilla project.

Tab Browser in Japan

- [Sleipnir](#)
 - Free software, one of Japanese high class browser by Fenrir & Co.
- [Grani](#)
 - Browser for beginners based on Sleipnir.
- [Lunascape](#)
 - Free tab browser developed by Graduate student of Waseda Univ. (Hidekazu Kondo) using IE component.

New Browser

- Chrome

- Provided by Google
- Free
- Open Source
- Multi-process, tough against freeze
- Search engine and URL are unified
- Consume large memory area

Network Assisted Audio Distribution

■ iTunes

- Music Store
 - Network based music distribution
- iPod
 - Personal music player, music can be copied from audio CD
- Label Information
 - TOC: Table of Content
 - Length of music
 - Music title, singer, album name, file type
- Backup
 - Personal responsibility

Network Assisted Audio Distribution (cond.)

- Windows Media Player
 - Online store
 - Napster
 - Mora (Japan)
 - HMV Digital
 - Windows Media Video
 - Video clip
 - HD
 - Combined with YouTube
 - Entertainment Office

Network Assisted Audio Distribution (cond.)

- Real Player
 - Music: [Rhapsody online](#)
 - Movie: [Film.com](#)
 - Game: Real Arcade

Still Image Album, Video Album

- [Flickr](#) (Yahoo)
 - Flickr account necessary
 - Key word based tag
 - Display order by most relevant, recent, interesting ...
 - Search photos, groups, people
- [Picasa](#) (Google)
 - Google account necessary
 - Photo sharing by friends
- [Google image](#)
 - Simple image search engine
 - Key word based
 - Map/Street view

Still Image Album, Video Album (contd.)

- [YouTube](#) (Google)
 - Founded in Feb. 2005
 - Personal broadcasting video
 - Noisy On2 technology (plug in) to MPEG-4 AVC
 - Key word based tag
 - Most recent, most viewed ...
 - Active sharing
 - Play list
 - Videos/Categories/Channels/Groups

- [Deep zoom](#) (Microsoft)
 - [Hardrock cafe](#)

Telephone/Videophone on the Internet

- [Skype](#)
 - P2P free phone system
 - Free video call
 - Messaging
 - Payment for connections to public phone
- [Joost](#) (Skype Comm.)
 - Full screen, High quality Internet TV
 - P2P streaming technology
 - IPR protection
- Fusion Communications

SNS

- [Mixi](#)
 - Started by E-Mercury in Japan
 - 10 million users
 - Diary, Friends, Community...

- [MySpace](#)
 - California, USA
 - 160 million accounts
 - Personal profile, favorite music, Forum ...

- [Second Life](#)
 - Virtual life operated by Linden Lab. USA
 - 7 million accounts
 - Online game, virtual money

» SNS: Social Networking Service

More ...

- BLOG
 - Web-log
 - Diary on the Internet
 - Tools: blogger, Movable Type
 - Unnecessary HTML knowledge
 - Affiliate program
- AdSense
 - Advertisement on Web site by Google
- SaaS
 - Software as Service
 - Monthly rental software
- Trackback
 - Track back to linked source