

튜 토 리 얼 VI

멀티미디어와 인터넷

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Multimedia & Internet

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Multimedia & Internet

Contents

- Media
- Multimedia
- PC & Multimedia
- PC통신 & Multimedia
- Internet & Multimedia
 - WWW
 - Image
 - Sound / Video
 - Animation
- Vision

2

Media

개념/분류

Communication (정보전달)

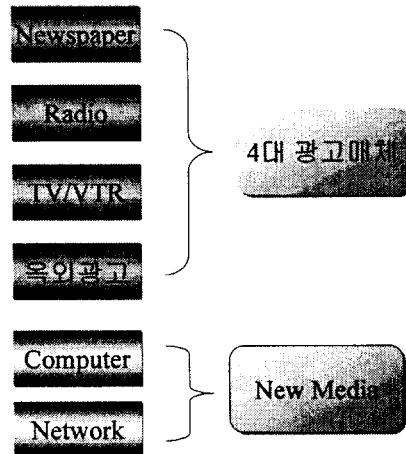
- Perception Medium
 - 음성,음악,문자,그림,영상
- Representation Medium
 - 문자,소리,이미지,동영상
- Presentation Medium
 - 스크린,종이,키보드,마이크
- Storage Medium
- Transmission Medium

3

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Media

일반적 개념



4

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Multimedia

특징

- Digital Encoding
- Storage
- Transfer
- RealTime Decoding
- Compress
 - JPEG
 - MPEG

7

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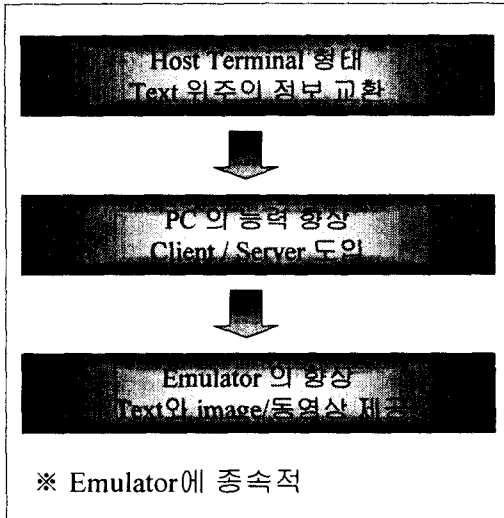
PC & Multimedia

- CPU 향상
- 사용 메모리 증가
- 저장 매체의 발달
 - 대용량의 HDD
 - CD-ROM
- 사용자 인터페이스
 - CUI => GUI
- OS 의 변화
- Application for Windows

8

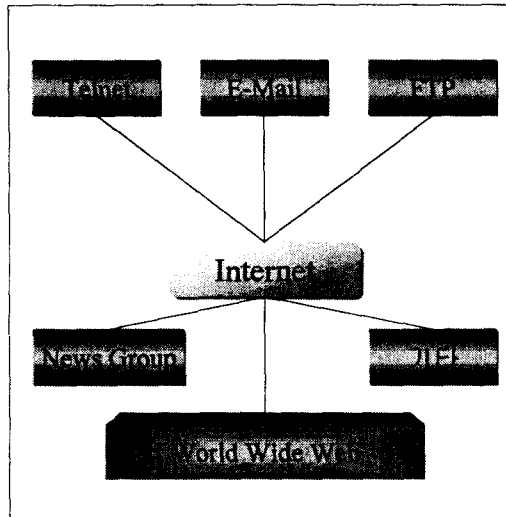
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통신 & Multimedia



9

Internet & Multimedia



10

Internet & Multimedia

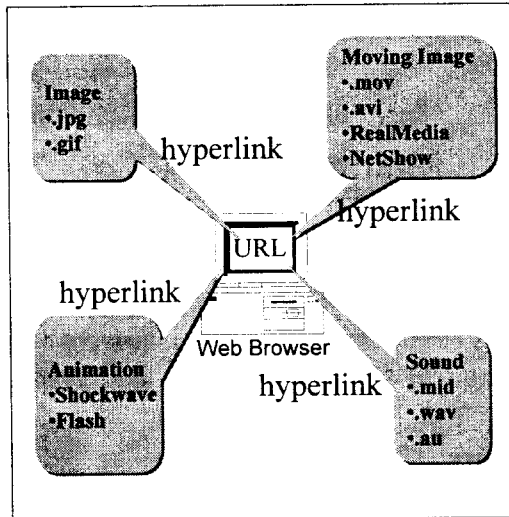
WWW(1)

- World Wide Web
- Internet + Multimedia
- HTML
- URL
- Web Browser
- Global
- Information

11

Internet & Multimedia

WWW(2)



12

Internet & Multimedia

www(특징)

- 다양한 정보(Information)
 - 보유적 측면
 - 표현적 측면
- 쌍방향(Interactive)
- 사용자의 능동적 참여
- 매체의 종합
- 인터넷의 상업화

13

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Image

Authoring Tool

Image files



- JPG
- Progressive JPG
- GIF
- Interaced GIF



- Animated GIF

Site

<http://www.adobe.com>

<http://www.visitorinfo.com/software/paint.html>

<http://www.mindworkshop.com/alchemy/gifcon.html>

14

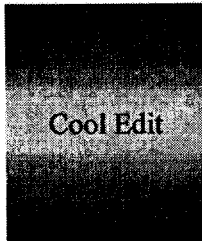
```
<IMG src="PATH/filename.jpg" width="100" height="100" border="1">
```

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Sound

Authoring Tool



Sound files

- wav
- au
- mid



Site
<http://www.Syntrillium.com/cooledit/cool96.html>

```
<EMBED src="PATH/filename.mid" width="100"  
height="100" hidden="true" volume="100">
```

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Animation (1)

Source

- JPG
- GIF
- PICT
- wav
- avi
- mov

Authoring Tool



• Flash File



Site
<http://www.macromedia.com/software/downloads/>

Vector Graphic
Interactive
Streaming

Internet & Multimedia

Animation (2)

Macromedia 홈페이지에서 사용된 HTML 코드

```

<object classid=
"clsid:D27CDB6E-AE6D-11cf-96B8-444553540000"
codebase="http://active.macromedia.com/flash2/
cabs/swflash.cab#version=3.0.0.0"
id=index width=95% height=95%>
<param name=movie value="tuber.swf">
<param name=loop value=false>
<param name=quality value=high>
<param name=bgcolor value=#FFFFFF>
<param name=align value=TL>
<embed src="tuber.swf"
swliveconnect=false width=95% height=95%
loop=false quality=high bgcolor=#FFFFFF align=TL
type="application/x-shockwave-flash" pluginspage=
http://www.macromedia.com/shockwave/download/
index.cgi?P1_Prod_Version=ShockwaveFlash">
</embed>
</object>

```

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Video

Site

<http://www.real.com>

<http://www.microsoft.com/products/>

<http://www.vivo.com>

<http://www.xingtech.com>

.mov : QuickTime Movie

.avi : Audio Video Interleaved



Streaming Media

RealVideo NetShow VivoActive StreamWorks



인터넷 상에서 Real Time으로 동영상 제공

Internet & Multimedia

활용 사례(1)

- Real Video
 - MBC, KBS, SBS
- Netshow
 - EBS
- Vivo Active
 - Vivo Gallery
- Stream Works
 - Arirang TV, YTN

19

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활용 사례(2)

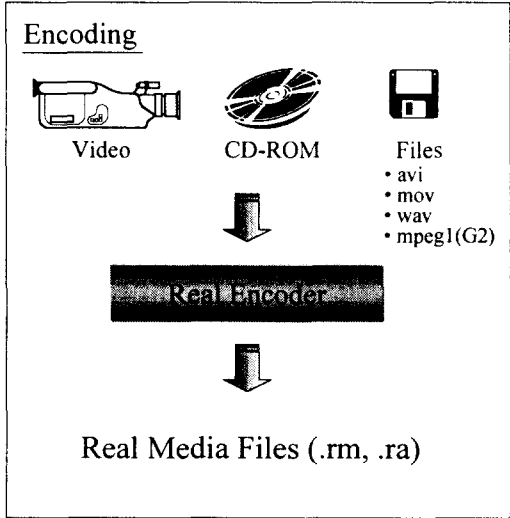
- MBC : <http://www.mbc.co.kr>
- KBS : <http://www.kbs.co.kr>
- SBS : <http://www.sbs.co.kr>
- Vivo Gallery
 - www.vivo.com/gallery/gallery.html
- Arirang TV :
<http://www.arirang.co.kr>
- YTN : <http://www.ytn.co.kr>

20

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Real Video (1)



21

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Real Video (2)

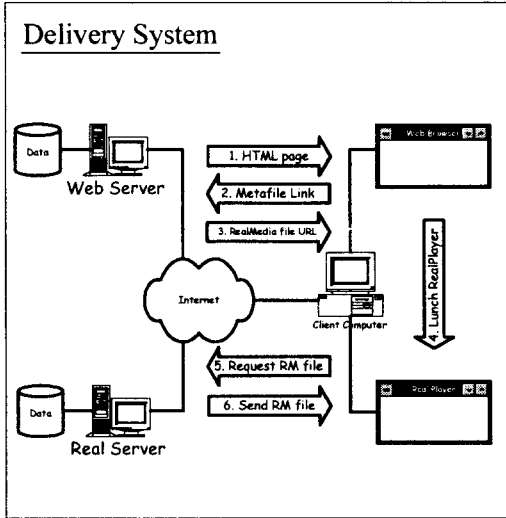
HTML Code (예)

```
<OBJECT ID=video1
CLASSID=clsid:CFCDA03-8BE4-11cf-B84B-
0020AFB8CCFA" HEIGHT=300 WIDTH=580>
<PARAM NAME="controls" VALUE="ImageWindow">
<PARAM NAME="console" VALUE="Clip1">
<PARAM NAME="autostart" VALUE="false">
<PARAM NAME="src" VALUE="haine_flash.rpm">
<EMBED SRC="haine_flash.rpm" CONSOLE="Clip1"
CONTROLS="ImageWindow" HEIGHT=300
WIDTH=580 AUTOSTART=false></OBJECT>
<OBJECT ID=video1
CLASSID=clsid:CFCDA03-8BE4-11cf-B84B-
0020AFB8CCFA" HEIGHT=25 WIDTH=45>
<PARAM NAME="controls"
VALUE="ControlPanel,StatusBar">
<PARAM NAME="console" VALUE="Clip1">
<EMBED SRC="blank1.rpm" CONSOLE="Clip1"
CONTROLS="ControlPanel,StatusBar" HEIGHT=25
WIDTH=45
AUTOSTART=false></OBJECT>
```

22

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Real Video (3)



23

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Etc.

Live Picture

- Vector Graphic
- Panorama Image
- Image Zoom In/Out

Site

<http://www.livepicture.com>

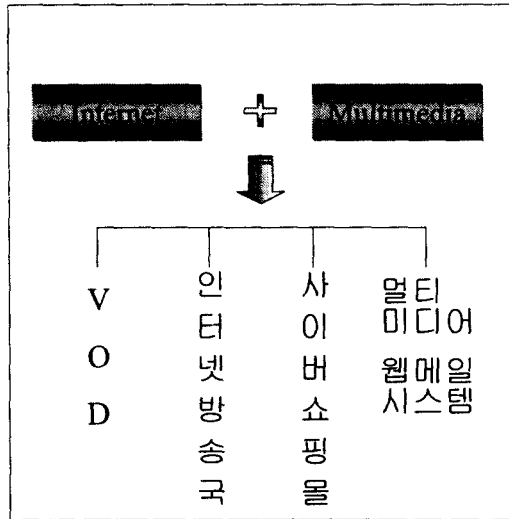
<http://www.livepicture.co.kr>

24

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활용분야



25

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Vision

- Multimedia 와 Network이 결합된 형태로 기존 매체의 역할 수행 및 종합적인 매체로서의 역할 수행
- 가전제품에의 활용
- 통신과 Multimedia의 접합
- 그밖에 무궁무진한 활용 분야 등장이 예상.

26

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