

[] MPEG

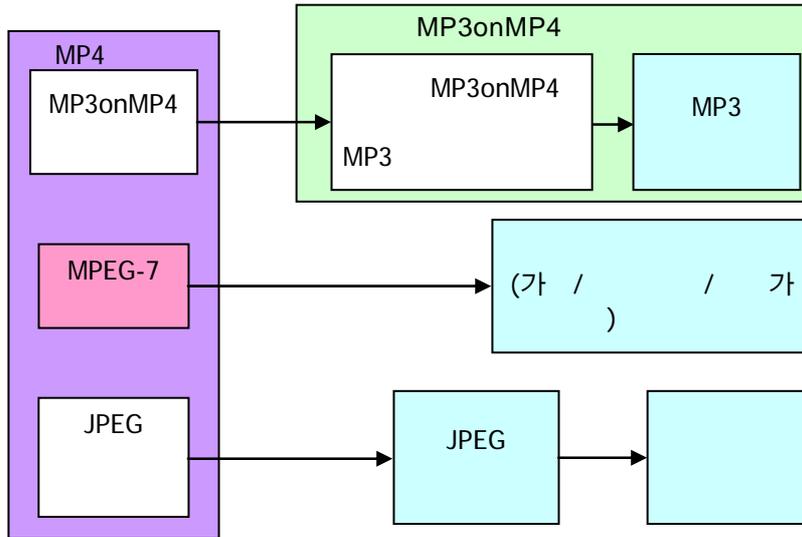
MP3
 MP3 가 , 가
 MPEG MP3
 MP3
 MPEG-A(MPEG-Applications: ISO/IEC 23000)

Music MAF Player

MP3 MPEG-1 Audio Layer III
 , MP3 ID3
 (, , , , ,) 가
 가 , 가 MPEG-A
 MPEG-
 7 ID3
 1 MP3 ID3 MPEG-7
 가 가 MPEG-7 ISO ISO
 가



MP3
 JPEG MP3
 MPEG-7 JPEG MAF
 EXIF(EXchangeable Image File) MP3 ID3 JPEG
 MPEG-7 MDS

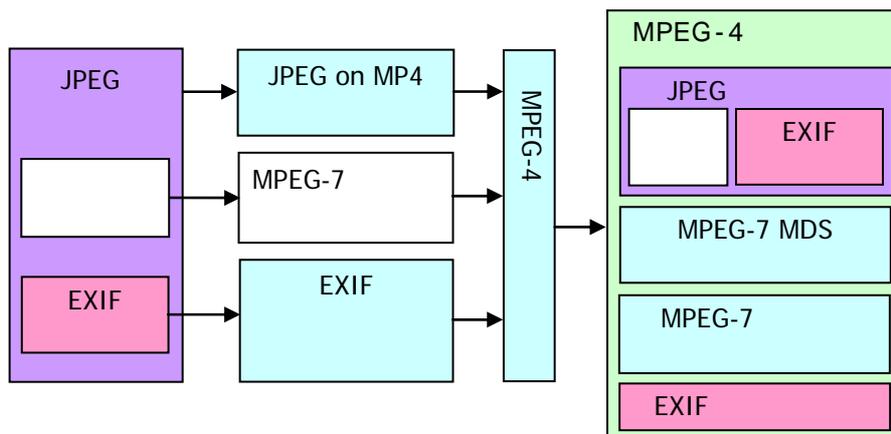


< 2> Music Player MAF

Photo Player MAF

Photo Player MAF (ISO/IEC 23000-3) 1990

5



< 3> Photo Player MAF

MPEG

가

JPEG

, JPEG

EXIF(EXchangeable Image Format)

MPEG-7 MDS

MPEG-7

Photo MAF Player (ISO/IEC 23000-3)

2005 10 74 MPEG Nice

(CD: Committee

Draft)

MPEG-A

Music Player MAF (ISO/IEC 23000-2) 2005 4 72

(FDIS: Final Draft International Standard) 1

Music

Player MAF 2005 4 72 Music

Player MAF MP3 (encryption)

2005 7 73 MPEG Music Player

MAF 가

(ICU) MPEG-21 IPMP Component(ISO/IEC 21000-4),

가 Music Player MAF .

Fraunhofer ICU

2005 10 74 MPEG IPMP/REL Protected Music

Player MAF Music Player MAF

가 ICU JPEG

MP3 LG

Fraunhofer

10 74 MPEG Nice MusicSlideShow MAF

MAF Protected Music Player MAF – Fixed Encryption approach,
Protected Music Player MAF – Fixed Encryption approach – IPMP/REL approach, Open
Release MAF, Super Distribution MAF, Portable Video Player MAF, Music Slide Show MAF,
Surveillance Video MAF가 , Music Player MAF

MP3 가

가

MPEG-A

1990 MPEG

MPEG
 IT
 가
 DMB DMB
 가
 "DMB + + DRM"
 MPEG-A 4 (ISO/IEC 23000-4)

MPEG-A

MP3 MPEG 가 가
 MP3
 Music MAF Player
 MP3 가
 가
 (PMP: Portable Multimedia Player)
 MP3 가
 Music MAF Player
 가
 (JPEG) 가
 Photo Player
 가 가 가 가

((ICU) , mkim@icu.ac.kr)