

1 SNU - ETRI

IPv6

RTCP

GUI

(Graphic User Interface)

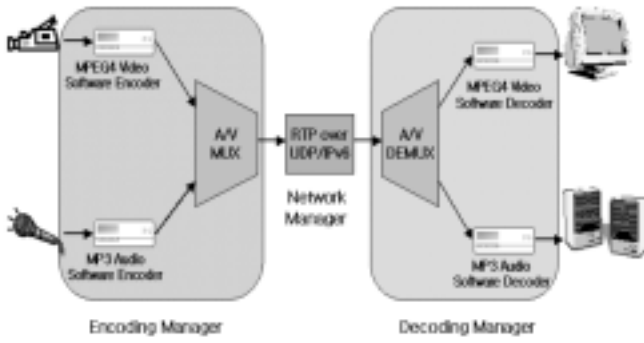
4. RTP, RTCP

RTP, RTCP

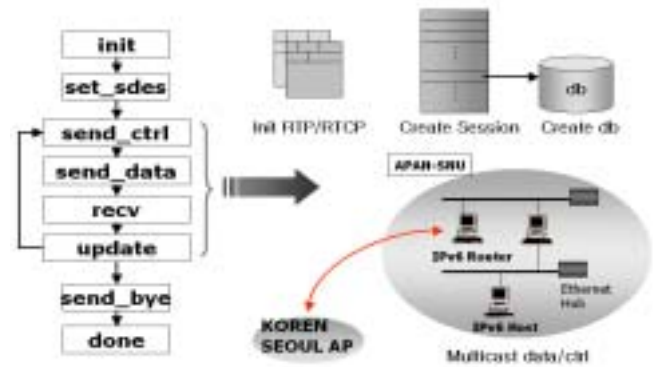
3.

4.1 RTP, RTCP

rtp, rtcp



2



3 RTP, RTCP

3.1

init()

MPEG4

MP3

Rtp\_set\_sdes()

SDES (Source Description)

A/V

MUX (Audio and Video Multiplexor)

가

3.2

A/V MUX

RTP, RTCP

가

rtcp

RTP, RTCP

4

send\_ctrl()

send\_data(), RTP RTCP

rcv(),

3.3

update()가

send\_bye() 가 320X240

30 56Kbp

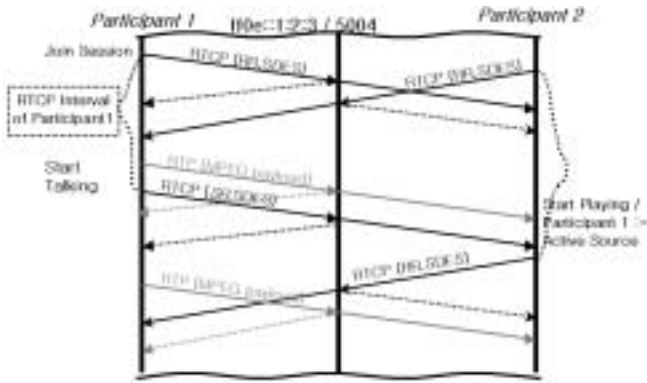
done() 0.5

4.2 ~ 1Mbps 가 MPEG4

가 ff0e::1:2:3 MP3 CPU

가 5004 가 1 3, 1Ghz PC 60 ~ 70 %

RTP, RTCP



4 RTP, RTCP

6. 가 CPU

PC

30 15 CPU

1Mbps 가

IPv6

가 1 가 RR (Receiver Report )

SDES (Source Description) RTCP

RR

RTP

TEIN (Trans Eurasia Information Network)

IPv6

[7].

가 2

가 가 1

[1] , , "IPv6 , " IPv6

2000-002, <http://www.ipv6.or.kr>.

[2] , , , " , "

IPv6 2001-002, <http://www.ipv6.or.kr>

[3] RFC 1889, "RTP: A Transport Protocol for Real-Time Applications."

[4] Microsoft IPv6 Tech-Preview for Windows 2000, <http://msdn.microsoft.com/downloads/sdks/platform/tpipv6.asp>

[5] Microsoft DirectX Homepage, <http://www.microsoft.com/windows/directx/>

[6] , , , "IPv6 IPv6 , " , IPv6 ,

2002-001, <http://www.ipv6.or.kr>

[7] 6NEAT (IPv6 NETwork and Application Testbed), <http://www.6neat.net/>

가 1 가 (Start Talking), RTP

RTP 가 2

가 1 (Active Source)

가 1 RTCP SR(Source Report)가

SR

가

가

5.

1

ETRI IPv6