Interactive Multimedia Networking

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Tutorial Outline

→ **Multimedia applications features and requirements**

→ **Issues in supporting multimedia applications**

→ **Quality of service support**

   → **General techniques**

   → **Internet QoS Frameworks**

      → **IntServ and DiffServ**

→ **Delay analysis of videoconference**

References

➔ **J. F. Kurose, K. W. Ross, "Computer Networking," Addison Wesley 2001**

  ➔ **Overview of Multimedia Networking (cap. 6)**

➔ **R. Steinmetz, K. Nahrstedt, "Multimedia: computing, communications & applications," Prentice Hall PTR, 1995**

  ➔ **Good reference for compression and coding standards**

➔ **P. Ferguson, G. Huston, "Quality of Service," Wiley, 1998**

  ➔ **Provision of non best-effort services**

➔ **M. Baldi, Y. Ofek, "End-to-end Delay Analysis of Videoconferencing over Packet Switched Networks," IEEE/ACM Transactions on Networking, Vol. 8, No. 4, Aug. 2000, pp. 479-492.**

  ➔ **Videoconference over packet networks**