

Thesis Title	Multimedia News Network for Windows
Student	Mr.Rungrote Phonkam
Thesis Advisor	Mr.Surasit Vannakrairojn
Level of Study	Master of Science (Computer Science and Information Technology)
Department	Mathematics and Computer Science Faculty of Science King Mongkut's Institute of Technology Ladkrabang
Year	1997

Abstract

Today, Multimedia is very interesting and being used with many kinds of job. Network news can use multimedia to transfer many types of data such as text, image, audio, or video. MIME(Multipurpose Internet Mail Extension) mechanisms that was the concept of electronic-mail is suitable to be adapted for thus data transfer. Network news uses 7 bit data protocol and message format to transfer data same as electronic-mail. For posting news article, if data is multimedia, encode mechanisms will be used to convert binary data from 8 bit to 7 bit and use MIME to rearrange article format for sending multimedia data over network. For news article reading, network news will detect multimedia data and decode mechanisms will be used to interpret it to originally binary data. Microsoft windows environment can present these data to users.