

Abstract

SAKCHAI EIAMKITSUMRIT : A MULTIMEDIA PROGRAM FOR ASSISTING
INSTRUCTION OF WINDOWS APPLICATIONS ON LANS

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This thesis presents a study of a multimedia program for assisting instruction of Windows applications on LANs. The program broadcasts the instructing window of the teacher's display to all students' workstations. As the instructing window is displayed on students' screens, the students can follow up the instruction on their windows. The teacher can also send voice data to all students. In this paper, protocol UDP (User Datagram Protocol) is used to broadcast multimedia data through LANs. The program also provides two-way communication between each student and the teacher. Furthermore, the program can display each student's window on the teacher's screen, so that the teacher can inspect it. Protocol TCP (Transmission Control Protocol) is used to send multimedia data between two end points. For sending the voice efficiently, data stream technique is used.

Finally, the program is designed by using Object-oriented concept.

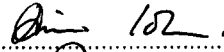
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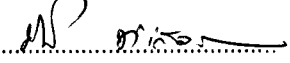
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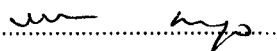
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