ABSTRACT OF THE DISCLOSURE

Multimedia applications including a video and an audio are transmitted at respective adapted transfer rates in a server connected with a network. The server operates on an operating system which permits a multithreading by allocating time slices to thread. For each application, data on a required transfer rate indicative of a permitted lowest transfer rate for the application is prepared. Threads are generated for respective applications. An initial number of slices are allocated to each thread to let said threads transmit said respective applications. A transfer rate of each thread is measured at a time interval. A number of slices to be allocated to each thread is calculated such that the measured transfer rate of each thread (i.e., each application) becomes equal to the required transfer rate of the application transmitted by the thread.

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