

A METHOD FOR RELIABLE AND HIGH SPEED DATA TRANSFER

ABSTRACT

The invention presents a method for client-server communication system to implement reliable and high speed data transfer. The method includes a Request module (5.7) in client (1.2) and a Response module (2.3) in server (1.1). The two modules are (2.3, 5.7) connected through a unidirectional backward channel (1.4). Every time client (1.2) requests server (1.1) for sending data, a request message is sent from the Request module (5.7) to the Response module (2.3). Server (1.1) waits for the request message in order to know when to send out data. Based on the information contained in the request message, server (1.1) is able to configure packet size and transmission rate dynamically. This solves the asynchronization and jitter problem encountered by client-server communication system. It provides an efficient, reliable and prompt means for high speed data transfer.

Fig. 1

