STUDY AND IMPLEMENTATION OF A CONFIGURABLE AND EXTENSIBLE STATELESS CLIENT-SERVER NETWORK COMMUNICATION FRAMEWORK

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ABSTRACT

This project studies and evaluates the existing network communication mode and further aims to design and implement a stateless client-server network communication. In the configuration of basal framework, it includes three main parts; servers, dispatchers and clients. They work together collaboratively to implement transmission of data packages and communication between clients and servers. This stateless client-server network communication framework will be characterized in high configurable automatically, high performance, extensible, especially it will be more independent to certain transmission protocols. Ultimately, this project also studies and extends acknowledgement response function, dispatcher remote control function, into develop basal system framework easily that will embody the extensibility of basal system framework.