
Testing of the client and the server for a choosing of an object for experiments in instrumental software for simulation based on "cloud" computing

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In "cloud" computing technology it is usually considered that the main computations are performed on the server side and the client performs the function of the terminal. But in some cases, the customer has substantial computational resources which in this case are idle while they can be used. In this research we considered means of simulation, made in the form of Web-based applications based on the technology of "cloud" computing. Web-based application is developed using the technology of Java-servlets and special library of Java classes for simulation. The application allows you to select an object for the simulation experiments – the client or the server. Tests to select the object on which to conduct experiments in order to reduce cycle time simulation are considered. Results of tests obtained under different conditions are provided.

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