

GRID COMPUTING AS A TURNING POINT IN INFORMATION TECHNOLOGIES

Summary

The concept of global optimization of resources used in the modern computer systems is in centre of grid technology creators. Some scientists treat the grid computing as one of the turning points of dynamic computer science development. The aim of the

paper is an analysis of the opinion about this new technology from the point of view of the meaning on the further development of computer science.

The starting point of the paper is characteristics of grid technology including its critical components: the capability of net, software that serves the mentioned kind of data processing as well as standards accepted in this framework. The list of criteria conditioning the recognition the given project as the key-point in a history of computer science was formulated in next part of this article. The list covers: a role that they play in a process of a globalization progress, altering the same way of perception of computer science as well as how they contributed to information and knowledge disseminating in the world. The consequences and the conditioning of the usage grid technology close the paper.

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