STUDY AND IMPLEMENTATION OF PARALLEL VIRTUAL MACHINE FOR THE HETEROGENEOUS NETWORK COMPUTING

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ABSTRACT

In this project, a software system known as PVM (Parallel Virtual Machines) will be developed. As to develop this software system, the Distributed Processing technology will be implemented for the purpose of managing tasks distribution for each networked computer system. Meanwhile, the software system is aimed to help the user's in solving massive problems that usually will required higher processing power to be done in a shorter duration. In addition, the software system is also been designed as multiprocessor supported in order to take advantage of the interconnected computer systems. Thus, this software system is expected to enable a collection of different configuration computer systems to perform coherent and flexible concurrent computational resource.

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