

# **Implementation of Adaptive Permutation Generator on Parallel Framework**

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## **Abstract**

*In today's world, parallel processing framework is a widely used for the applications which need too much processing power. As an example, the basic requirement of security problems is to permute the input text into some form. The larger the size of text, the more the time has to be consumed for permutation.*

*This paper proposed the parallel framework which provides the generation of permutation elements in short time. It is simple, and involves dividing a problem into a number of smaller work units which can be distributed to remote processes for computation in parallel.*

*The proposed system will implement the adaptive permutation generator algorithm in parallel using Java threads and sockets.*