

## INTERPROCESS COMMUNICATION IN OS

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**Abstract:** *Inter process communication is used to design process for a microkernel and nanokernels. Microkernels cut back quantity of functionalities provided by the kernel. So, reliability is the more important matter for security. This paper represents review of Interposes Communication methods such as message queue, semaphore and shared memory and discusses their advantages and disadvantages. I identified the various factors that could affect their performance such as message size .The purpose of this paper is to provide a survey of IPC methods that appeared in the literature over the past decade which was not discussed and also categorize them into meaningful approaches.*

**General Terms:** *Operating system, Linux*

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**Keywords:** *Interprocess communication, semaphore, message queue, shared memory, Process.*