Abstract

Nowadays efficient and fast interpretation and transmission techniques are becoming more and more vital for the machine designers to take optimum result from limited resources. The quality for interpretation of the instructions and transmissions are becoming the back bone for the success of any modern computing machines. The interpretation of instructions is not limited to an individual machine but network of different machines quick interpretation of any instruction not only boosts up the net speed of the system but also add attractive market value to the proposed system. Slow interpretation of the instructions and transmission, degrades the whole system value and eventually the system ends up either with low business advantages or a complete failure, so better algorithms for the interpretation and optimum usage of resources while transmission act as the heart and soul of the system. This research paper tends to through light on some modern interpretation and transmission techniques, the factors which directly affect or being effected by them, the degree of flexibility to which they are optimized, some small scenarios for better understanding of the situation, the constraints of the real world which will in turn affect them. Our paper also explains flaws in existing systems and proposed solution for that particular problem.
References


Index Terms

Computer Science

Artificial Intelligence

Keywords

Semaphore Transmission channels Race condition Affinity Mutual Exclusion