1 Abstract

Over time, several methods have been developed to manage the parallelism of system activities in real time. Although with time several methods have been found, it is still difficult to find which algorthm would be adequate to achieve this. Thus, this article proposes both analytical and graphical methods based on the precedence and conditionality of real-time activities. Finally, based on scientific papers, results will be presented to confirm the veracity of our results. [1]

References

[1] A. Melani, M. Bertogna, V. Bonifaci, A. Marchetti-Spaccamela, and G. Buttazzo, "Schedulability Analysis of Conditional Parallel Task Graphs in Multicore Systems," *IEEE Transactions on Computers*, vol. 66, pp. 339–353, Feb. 2017. Conference Name: IEEE Transactions on Computers.