

EMPS: An Environment for Memory Performance Studies

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Abstract: This paper describes an overview of Environment for Memory Performance Studies (EMPS). EMPS is a framework to allow different data gathering and simulation tools to be composed together to predict the performance of parallel programs on a variety of current and future High End Computing (HEC) systems. The framework seeks to combine the automated nature of direct execution simulation with the predictive capabilities of performance modeling.

Reference: @inproceedings{hollingsworth05emps, Author = {J.K.Hollingsworth, A.Snavely, S.Sbaraglia, K.Ekanadhm}, Booktitle = {NSF Next Generation Software Program Workshop}, Title = {EMPS: An Environment for Memory Performance Studies}, Year = {2005}}