عنوان مقاله:

Establishment of a Strong Mobility and Inter Thread Communication in Alchemi Grid Bed

محل انتشار:

هفتمین کنفرانس بین المللی تجارت الکترونیک در کشورهای در حال توسعه با رویکرد بر امنیت ECDC2013 (سال: 1392)

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خلاصه مقاله:

Computing grid are a set of unsymmetrical systems have provided a ground for sharing the computing resources. Regarding the facilities of grid and advantages of mobile agents andalso the present problems reduction on distributed systems, the grid ground of Alchemi has been applied that is a low capacity system fixed with windows operating system. In this paper, changes have been made in Alchemi which has an open origin and thepossibility Of inter thread communication and strong mobility added to it and then by using mobile agents in this system, the possibility of agent –based programming provided in it .-Two main innovations of this paper are including: -Generating a strong excitation in NET environment.-Developing the possibility of parallel programming based on the agents over the grid

کلمات کلیدی:

Distributed computations, grid, mobile agents, autonomous migrations, carrying capacity, inter thread communication and strong mobility

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