Abstract

In today’s modern era of internet and intranet where distributed networking is spreading out its effects to every nook and corner of globe, it is essential to focus on both internet and intranet facilities. Mobile agent technology can be seen as a bright emerging technology which can be equally beneficial to internet applications as well as intranet applications. It is a piece of code that can move within a given network and act and make decisions autonomously on behalf of a user/application. For real time applications mobile agents can be used as data collection
agents, action triggering agents. There can be a vast number of mobile agent applications. While mobile agent applications are evolving, the point of concern remains is the security implementations on mobile agents. This paper gives extension of work on mobile agents by working on parallel processing mobile agents and by using Java language’s one of the security feature.

References

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Index Terms

Computer Science

Security
Keywords
Mobile Agent Security  Mobile Agents  Socket Connection  Hashing Techniques  Java Byte Code
Parallel Processing.