

Mobile Agents over E-Business

Due to the popularization of Internet and World Wide Web (WWW), the limitation of distance and region are broken for business behaviors. E-Commerce can help a company or enterprise to extend its market place to unlimited region. Agent technique is one of the important technologies developed to support the Internet applications. Especially, the Internet and WWW technologies broken the limitation of space of enterprise marketing, and the agent techniques solve the problems of temporality. Because of when the users are off-line, the agents are still active in the world of computer network and play the role of their users. In this paper, a mechanism is proposed for electronic marketplace based on agents and mobile agents. There are some issues will be researched. They include the platform of mobile agents, the types and classifications of agents and mobile agents, behaviors of commerce transactions and processing models, negotiation mechanisms, authentication and security, ...etc. Moreover, they include the techniques of information retrieval, data mining, and knowledge base, ...etc. Based on this architecture of E-marketplace, the applications of E-commerce will be more effective, easier to develop, and more creating the marketing of business.