

中小企業採用自由軟體發展資訊系統之探索性研究

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摘要

近年來由資訊技術的日新月異，及知識經濟的興起，使得各類型產業不論大小都積極建置資訊系統以完成電子化，並支援企業達成目標，及因應迅速變遷的競爭環境。然而自由軟體 (free software) 可稱得上是目前軟體服務業內一大熱門趨勢，由於它集結眾人智慧成果的開放性及成本低廉效益，且逐漸由社群的經營轉向商業化的模式，並在政府的大力支持與推廣之下，使得一向以價格考量的中小企業亦為之雀躍。但其對企業的影響為何？及中小企業採行以自由軟體為基礎的資訊系統是否確實可以降低成本提升其競爭力呢？及中小企業採用自由軟體之接受度又為何呢？這是本研究所探討的問題。並進而希望能為中小企業在進行以自由軟體建置資訊系統時提供決策模型，並協助中小企業達成資訊科技應用之目標。

關鍵詞：自由軟體，電子化企業，資訊系統

A Study of Small-Business Use of Free Software to Develop Information Systems

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ABSTRACT

Due to continuous progress in information technology and the rise of a knowledge-based economy, almost all companies actively build information systems to support outreach and quickly respond to the competitive environment of a fast-changing world.

However, free software is now a popular trend in the software-application industry. The industry gathers public knowledge to achieve openness and a lower cost, the acquisition of which is gradually changed from pure community discussion to commercial activity. Due to strong support and promotion by the government, free software has become a solution for small businesses because of the price issue.

What is the influence of free software on an enterprise? How does a small business actually adopt free software to build their information systems? Does free software actually reduce costs and also upgrade competitive ability? How far can a small business adopt free software? In this study we want to evaluate these kinds of problems. We desire to help small businesses make decisions on