Key Factors on Software Reuse of e-Government Common Framework

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Abstract—**Over the last few decades, software reuse has been stressed as a key factor for the developers to improve the productivity and the quality of information systems. However, some drawbacks of a vendor-dependent proprietary framework from major SI companies can also be formed in e-Government systems. This paper is differentiated from other prior studies in that it involves field experimental research to find out key managerial factors on the reusable component in the public sector. The result of this dissertation shows that the reuse of common components has a relatively high correlation on the type of agencies, project period and the size of agencies, budget volume and business domain affects the reuse without any distinction. In addition, this pater shows the key factors on the managerial perspective, with more future research needed for the technical and political factors to verify reuse factors..**

Keyword— — **e-Government, Software reuse, eGovframe, Open innovation, Common component, eGovFrame.**

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