A systematic mapping study on software product line evolution: From legacy system reengineering to product line refactoring

Software Product Lines (SPLs) are successfully used in industry to achieve a disciplined development of families of software systems [1]. SPLs combine systematic development and the reuse of coarse-grained components that include the common and variable parts of the product line [2,3]. Legacy systems, either highly configurable or with a story of versions and local variations, are potential candidates for reconfiguration as SPLs using reengineering techniques.