Abstract

Context: Green software engineering (GSE) is a research area gaining reputation to develop green and sustainable software. Whereas software multi-sourcing is the allocation of software development processes to external (offshore) multiple vendors in order to reduce cost, improve quality, and minimize the development time. Green software multi-sourcing is a recent research area which lies at the intersection of both the aforementioned research areas.

Objective: The objective of this study is to develop systematic literature review (SLR) protocol to identify practices/solutions to assist software multisourcing vendors in the development of green and sustainable software.

Method: We have used systematic literature review (SLR) process as research methodology and have developed the SLR protocol.

Outcome: The expected outcomes of the implementation of SLR protocol will be the
identification of solutions/practices for multisourcing vendors in the development of green and sustainable software in multi-sourced projects.

References

34. R. Sriram and S. K. Mathew, "Global software development using agile methodologies:


Index Terms

Computer Science

Information Sciences

Keywords

Green Software Multi-sourcing; SLR Protocol; practices/solutions, Vendors