Abstract

Software Product line is emerging as an important paradigm and has provided competitive and various other benefits to organizations. This can help to overcome problems caused by resource shortages. The approach promotes asset re-use throughout the software life cycle, and facilitates product customization. In this paper, we describe the emergence of software product line and its increasing scope. The first part of paper describes introduction to software engineering, software crisis and its principle. The other parts describe software reusability, types of reusable software assets, software product line, its processes, and its real-life applications. Related work and conclusion are discussed at last sections of the paper.

References
- www.softwareproductline.com
Emergence of Software Product Line


Index Terms

Computer Science  Emerging Trends in Technology

Keywords

Software Engineering  Software Engineering Principles  Software Crisis  Software Reuse