

Software Product Lines: Past, Present, and Future

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Abstract

A software product line is a set of software-intensive systems sharing a common, managed set of features that satisfy the specific needs of a particular market segment or mission and that are developed from a common set of core assets in a prescribed way. This talk will give a brief introduction to software product lines and highlight some major success stories. Then it will turn to the state of product line research and pose some challenge problems for the future.