



# Most Influential Paper Award SPLC 2023

## Thomas Thüm, Don Batory, Christian Kästner

### Reasoning about edits to feature models 31st International Conference on Software Engineering (ICSE 2009)

This can be considered the most relevant paper bringing the concepts that nowadays support the evolution of software product lines. The paper introduces the theoretical concepts of the evolution of feature models by means of modifications to the feature model as refactorings, specializations, generalizations, or arbitrary edits; and puts those concepts in practice by computing the differences between two feature models and classifying the changes according to the semantics of the feature model. Not only works published in the past successfully applied the results of this paper, but very recent and ongoing works still benefit from their contributions, meaning that this paper still influences the present and future of SPL research.

#### Nominators

Lidia Fuentes  
Rick Rabiser  
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