عنوان فارسی مقاله:
مدلی برای رایدایی تنوع پذیری از ویژگی‌های به معنی‌های خط تولید:
مطالعه موردی در شبکه های هوشمند

عنوان انگلیسی مقاله:
A model for tracing variability from features to product-line architectures: a case study in smart grids

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
6 Conclusions and further work

SPLE is facing new challenges, being one of the most important the traceability of variability. To deal with this challenge, this paper presents a solution for tracing feature and PLA models called Feature-PLA traceability model, as well as the modeling framework that support it. The Feature-PLA traceability model defines a set of linkage rules to trace variable features to both the coarse-grained variability of complex components—external variability—and the fine-grained variability of simple components—internal variability.

The description and the traceability of the variability that is internal to one or many components is as important as the description and the traceability of the external variability. It is essential to cope with most kinds of variation that SPL engineers could define on their product families. Supporting both coarse-grained and fine-grained traceability of variability helps product engineers at the time of configuring this variability to derive products. This means that product engineers can examine Feature-PLA traceability models to ensure that variability bindings satisfy the product requirements.