Abstract
The automatic generation of test cases from design models in Software Product Lines requires defining testing mechanisms for managing variability and traceability to other development artifacts. In our proposal, test cases are generated using the transformation language QVT from extended sequence diagrams representing the variability in the SPL. Traceability between different models is managed by defining a UML Profile for the Orthogonal Variability Model.

Keywords
Software Product Line, Model Driven Engineering, Testing.