ISO Initiatives on Software Product Line Engineering: Vision and Current Status

Invited Talk for Variability@ER2011

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Abstract. Software product line engineering and management is still a relatively young discipline and its industrial diffusion is somewhat limited, partly due to the lack of international standards. It involves sub-disciplines that may not necessarily be mature enough yet for standardization. On the other hand, well-focused standardization efforts contribute to the diffusion of best product line practices and help raise the maturity of these practices. Careful roadmapping and execution of the standardization initiative is thus vital. This talk discusses the current roadmap for the international standardization initiative of software product line engineering and management methods and tools and the status of the work done so far in this area in the International Organization for Standardization (ISO). One of the purposes of the talk is to invite discussion about the most critical areas to be standardized and the time frames involved. The role of variability management in the standards will be especially emphasized.