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Titel des Beitrags: Analysis of Current IT Support for Product Development Processes

Abstract: The purpose of this paper is to settle the claim for a systematic and up-to-date overview of relevant IT support in the area of product development. In the last few decades product development has become an almost entirely digitised process and is therefore dependent on IT support. This evolution was accompanied by a substantial growth of the corresponding software landscape. The range of software products now reaches from specialised niche tools for single task to large software suites offering generic functionalities. We conducted a literature review on product development methodologies and summarised our findings in a process model. On this basis a categorisation pattern for product development software was derived. Existing tool classes were identified through a market analysis and assigned to categories. The outcome is an overview of current software for product development which can be used by developers to compare their software landscape.

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