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.

Intellectual Contribution: Discipline-based Research
Kongress- / Buchtitel:
Research into Design: Supporting sustainable product development International Conference on Research into Design

Kongress / Zusatzinformationen:
Bangalore, India

Verlag / Institution:
Research Publishing

Jahr:
2011

Monat:
Jan

Key publication:
Nein

Peer reviewed:
Ja

International:
Ja

Book review:
Nein

commissioned:
not commissioned

Professional:
Nein

Occurences:
Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik > Informatik 17 - Lehrstuhl für Wirtschaftsinformatik (Prof. Krcmar) > Konferenzbeiträge

Entries: