Introduction to the Minitrack on Tools and Software for Knowledge Management

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The increasing role of knowledge in enhancing competitiveness and innovation requires more insights in how knowledge management can be supported by tools and software. The big data phenomenon has increased the need to put the collected data into context in order to develop knowledge. For researchers and practitioners, it has become a challenge to find appropriate tool and software support for their knowledge management systems since the unique characteristics of knowledge (e.g., tacit knowledge, increase of knowledge when sharing) require tool and software support that meets the specific requirements of knowledge.

There are different types of tools and software that can be used to support knowledge management, e.g.

- to access knowledge,
- for semantic mapping,
- for knowledge extraction, for expertise localization,
- for collaborative editing and publishing,
- for collaborative work,
- for real time communication,
- for business process management and
- for global knowledge management solutions.

The decision to support knowledge management by specific tools and software has great impact on the success of knowledge management in organisations and in education. This gives rise to a huge range of issues (e.g., social, technical, economic). In the past, though, these issues have not been extensively researched.

This minitrack aims to overcome this gap. It therefore invited submissions that address important research questions relevant to tools and software in a knowledge management context. Along these lines, we have identified the following themes associated with this topic:

(1) **Ease of Attribution, Ease of Licensing, and Integration of Creative Works** comprises a theoretical model and research design for examining impacts of ease of attribution and licensing on creative integration.

(2) **Automated Taxonomy Extraction from Semantic Business Process Models** aims at identifying commonalities within the process models stored in the semantic repository.

(3) **An Interface for Assisted Curation of Knowledge Bases from Unstructured Text** presents an interactive graphical tool that enables users to create a knowledge base based upon given text.

The minitrack chairs would like to express their appreciation to all authors and reviewers for their contributions in making this minitrack a success. We look forward to continue building this research community in the coming years.