

Context Awareness and Interaction in Creativity Support Tools

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Abstract

We step into the century of creativity and innovation. Therefore, development of methods that can enhance the creativity process is becoming a continuous necessity. Through the years several researchers modeled and defined creativity focusing to the psychological aspect of the topic. More recent researchers approach creativity as a computerized process by simulating it within creativity support tools (CST). The research work presented here supports that the addition of context awareness in creativity support tools and more specifically, cooperative creativity support tools can enhance creativity process. Context awareness may be demonstrated through system recommendations to the users. By using recommendations, users will be informed and guided, thus becoming more efficient and as a result more creative. In our work we focused on the development of a context awareness component and examined how such a component can influence the creativity process.