

## Extended Abstract Comment Form

### Preconference Symposium "Interrogating Information Realities of Information and Communication Systems" ASIST 2006.

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*Please fill out the following information about the abstract that you are reviewing for the preconference symposium. Use as much space as you think is necessary.*

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**Name of commenter:** Paul F. Marty

**1. Title of abstract reviewed:** Artistic Use of Information Technology

**2. Eprint # of abstract reviewed:** 1414

**3. The main question or concern this research addresses is:** how to address the role information technology plays in the creative efforts of writers and artists. The author does an excellent job of explaining the need to expand social informatics into literature and the arts, and presents a compelling case for research studies about the use of IT by literary authors and editors.

**4. The most interesting thing about the research described by the abstract is:** how the use of new information technologies may change the "key values" of literary authors and editors. I found particularly interesting the argument that new technologies, "by allowing new approaches to literature," may encourage writers to adopt new standards and new values.

**5. The biggest question I had after reading the abstract was:** whether there has been any research about the effect writers and artists have had / are having on the information technologies they use. For example, the author cited a 1991 study about the use of word processors by literary authors, which presumably explored how the word processor affected the way writers work. Has no one explored the opposite process? As the use of interactive, open-source, and community-driven information technologies increases, one might suspect that writers and artists are affecting the development of new technologies just as much as the new technologies affect them (a process of co-evolution or co-adaptation). Is this happening, and is anyone studying it?

**6. The author should look at the following topics or sources as they continue their study:**

It seems to me that the author is extremely well-grounded in the appropriate literature and certainly an expert in literature and art informatics!

In the event the author wishes to learn more about co-evolution or co-adaptation, I'd suggest:

Ackerman, M. S. (2000). The intellectual challenge of CSCW: The gap between social requirements and technical feasibility. In J. M. Carroll (Ed.), *Human Computer Interaction in the New Millennium* (pp. 303-324). New York: ACM Press.

Andriessen, J. H. E., Hettinga, M., & Wulf, V. (2003). Introduction to the special issue on evolving use of groupware. *Computer Supported Cooperative Work*, 12 (4), 367-380.

Mackay, W. (2000). Responding to cognitive overload: Co-adaptation between users and technology. *Intellectica*, 30 (1), 177-193.

Orlikowski, W. (1992). The duality of technology: Rethinking the concept of technology in organizations. *Organizational Science*, 3 (3), 398-427.

Yates, J. (1993). Co-evolution of information processing technology and use: Interaction between the life insurance and tabulating industries. *Business History Review*, 67 (1), 1-51.

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**<http://slisweb.lis.wisc.edu/~kreschen/dlistcomment.htm>**