Industry Perspectives

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All too often, talented researchers conduct high quality research using approaches that are unlikely to have an impact on real applications. Frequently, the difficulty stems from a lack of awareness of industry trends and application requirements.

Beginning with this issue, we introduce a regular column, called “Industry Perspectives,” which seeks to address this problem. The purpose of this column is to inform researchers about relevant industry trends, product directions, and user organization needs. This includes (but is not limited to):

- Surveys of trade press coverage,
- Technical papers on products and marketplace trends,
- Papers describing the requirements of novel applications,
- Papers from industry on their views of important research problems, and
- Experience papers describing lessons learned from applying research results to large-scale problems.

We inaugurate the column with an interesting paper by Jim Gray and Goetz Graefe on trends in the price and performance of memory and storage and the implications of those trends for main memory page lifetimes, optimal page sizes, and appropriate storage metrics.

We encourage submissions on any topic relevant to the goals of this column. Submissions should follow the guidelines found on the inside cover. Electronic submissions (in postscript or Microsoft Word) are preferred and should be sent to seligman@mitre.org. If electronic submission is not possible, please send 2 hardcopies to:

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In addition, I welcome suggestions for topics you would like to see discussed, along with recommended authors. Finally, please let me know if you have an idea for a paper and want to see if it is appropriate for this column.