

DATAVIEW'10 - PC Co-chairs Message

Welcome to the 1st International Workshop on DATA Visualization and Integration in Enterprise and on the Web (DATAVIEW'10), held in conjunction with the On The Move Federated Conference and Workshops (OTM'10), October 25-29, 2010 in Hersonissou, Crete, Greece.

The increasing availability of machine-consumable data on the web offers developers and end-users new challenging opportunities for data-intensive application development. In such a context, there is an increasing need for theories, methods, and tools that address data integration and visualization, and user interaction. This workshop aims at bringing together researchers and practitioners in the fields of software engineering, web engineering, semantic web, databases, (multimedia) information retrieval and data visualization to discuss the feasibility of using and combining different approaches for creating effective data-intensive web and enterprise applications where the integration, visualization and interaction with data is a main concern.

The program of the half-day workshop includes 5 papers and a final discussion session which is open to all participants and aims at identifying additional requirements needed in order to advance the state of the art in the field by providing novel methods and techniques to existing design and development environments.

The accepted papers cover two main macro-topics: web and enterprise data visualization, and semantic web data integration and visualization.

Web and enterprise data visualization is addressed by three papers: Stefania Leone et al. propose a modular framework for experimentation with ambient wall displays, considering the problem in terms of types of abstract representations of the physical properties of the displays as well as the data to be displayed. The paper from Bozzon et al. provides a conceptual definition of the web search result layout problem for mono-, ambiguous, or multi-domain results. Finally, the work from Avi Wasser and Maya Lincoln discusses an integrated visualization framework for representing business process models according to different views, based on the user requirements of different roles involved in the process definition and consumption.

The topic of semantic web data integration and visualization is covered by paper from Marcello Leida et al. The paper discusses data visualizations for generic ontologies, presenting the major approaches and identifying the problems that prevent these approaches from providing an automatic, dynamic, generic, and flexible ontology visualization tool for analytical purposes.

We would like to thank all the persons who contributed to setting up the workshop: the authors for their submissions, the program committee members for their excellent work, and the OTM team for their great support in the organization of the workshops.

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