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Task Models and Diagrams for Users Interface Design

5th International Workshop, TAMODIA 2006
Hasselt, Belgium, October 23-24, 2006
Revised Papers

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Library of Congress Control Number: 2007920036

CR Subject Classification (1998): H.5.2, H.5, D.2, D.3, F.3, I.6, K.6

LNCS Sublibrary: SL 2 – Programming and Software Engineering

ISSN	0302-9743
ISBN-10	3-540-70815-4 Springer Berlin Heidelberg New York
ISBN-13	978-3-540-70815-5 Springer Berlin Heidelberg New York

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Springer is a part of Springer Science+Business Media
springer.com

© Springer-Verlag Berlin Heidelberg 2007
Printed in Germany

Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India
Printed on acid-free paper SPIN: 12018130 06/3142 5 4 3 2 1 0

Preface

We are proud to present the TAMODIA 2006 proceedings. In 2006, the TAMODIA workshop celebrated its fifth anniversary. TAMODIA is an obscure acronym that stands for *T*Ask *M*odels and *D*IAGrams for user interface design. The first edition of TAMODIA was organized in Bucharest (Romania) by Costin Pribeanu and Jean Vanderdonckt. The fact that five years later the TAMODIA series of workshops still continues successfully proves the importance of this research area for the human-computer interaction community! The first workshop aimed at examining how multiple forms of task expressions can significantly increase or decrease the quality of user interface design. This is still the scope of the current edition; we tried to assemble papers that discuss how the complexity of HCI design and development can be managed with tasks, models and diagrams. Much like the previous editions, the selection of papers from the 2006 edition reflects the broad scope of this field, which cannot be labeled with a single title or term.

The invited paper is by Joëlle Coutaz and discusses meta-user interfaces for ambient spaces. Finding appropriate ways to design and develop user interfaces for interactive spaces is becoming an important challenge for the creation of future usable applications. This exciting work gives a good feel of the new type of user interfaces and the required new approaches we are evolving toward when we want to realize the vision of ambient intelligent environments and create systems that can be used and controlled by the end-users.

From the papers included in these proceedings, we can clearly see both fields, HCI and software engineering, moving toward each other. Techniques from software engineering are becoming more popular and tuned for HCI design and development. Requirements engineering, model-driven engineering, model-based design and patterns are already familiar in both fields, but differ in notations and approaches. Established notations such as UML and Petrinets are helping us link models used in both fields and integrate approaches. In all papers, the end-user is never forgotten, and the user tasks and context that need to be supported play a central role.

October 2006

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