Information Systems user interface generation from declarative models has been the focus of numerous and various approaches in the human computer interaction community. Typically, the different approaches use the different models based on their singular aspects. This thesis proposes a new process that combines the task, domain, and user models taken together to drive the information system user interface design and code behind generation. We propose a framework, i.e., a methodological process, a meta-model and a software prototype called DB-USE.

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