

# Adaptive Data Management: an Interaction Design Perspective

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## **Abstract**

The Adaptive Information Systems Project is addressing the model-based development of “generic applications”. That is, the creation of software applications and database systems that can reconfigure dynamically to match varying conceptual models. My personal research project involves the development of a user-interface for generic applications.

Work to date includes the data management component and its user interface. Apart from addressing change caused by data dependence in contemporary software design practices, this work demonstrates potential advantages in interacting with information systems. In particular, it visually facilitates human-information interaction and the negotiation of meaning in conceptual models.