

A Proposal for a TOCHI Special Issue on
User Interface Description Languages for Next Generation User Interfaces

Scope and focus of special issue (less than 100 words):

In recent years, HCI researchers developed a range of interaction styles that diverge from the Window Icon Menu Pointer (WIMP) paradigm. These next generation interfaces show a potential to enhance the way people leverage digital information, however, they are challenging to design and build. The concept of a User Interface Description Language (UIDL) has reemerged as a promising approach for lowering the threshold of developing these interfaces. The aim of this special issue is to present work related to UIDLs for next generation user interfaces. Topics include requirements, models and architectural frameworks for supporting the development of emerging interaction styles.