

Accessibility Challenges of the Next Decade: Cloud and Mobile Computing and Beyond

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ABSTRACT

A valuable body of research and best practices has been developed to address Web Accessibility to insure that all users of the technology have equal access to information and functionality. Significant effort has led to the development of rigorous guidelines addressing this goal. However substantial challenges lay ahead as the Web moves beyond the desktop and computing models evolve. Cloud computing promises that unlimited access to computing resources (processing power, storage, etc.) will be ubiquitous, economical and available to all. Mobile computers in the form of smart phones and tablets already surpass in sheer numbers all other computing systems. What will the challenges be to insure that cloud and mobile computing systems are genuinely accessible? What lessons can be learned from the Web accessibility efforts?

General Terms

Design, Human Factors, Standardization

Keywords

Web accessibility, cloud computing, mobile computing

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