Abstract

A Content browsing through mobile requires that contents must fit on to mobile screen and it should be readable. A vast set of documents are already available that are designed for browsing with desktop computers. Problem arises when one wants to browse these documents with handheld devices e.g. mobile, PDAs, palm computers etc. A Mobile device with small display screen size is capable of showing 3 to 4 rows per screen and not more than 20 characters per line. Usability problem occurs if too much scrolling has to be done while browsing the document. This has brought out an immediate requirement of a search for some typical format to be followed while adapting content in order to display the same meaningfully on small screen. Also an experimental exploration is needed to find out conversion technologies for displaying content comfortably on mobile so that user can read it without any irritation. This paper explores some document analysis techniques and represents a technique using J2ME
that could ease content browsing for mobile users. Present work analyzes text contents only.

Reference

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Index Terms

Computer Science Mobile Computing

Key words

Simulating Content Adaptation Mobile Platform