Abstract

Web page representation is a topic of concern for small screen devices, like, mobile, palm, etc. In a web-page, bulk of irrelevant data including advertisements and other noisy information's create access inconvenience. Web page segmentation is a technique which resolves this problem by logically dividing a web page into segments. These segments can be created by using DOM (Document Object Model) and VIPS (Visual Page Segmentation) techniques. In this paper, a hybrid method of web page segmentation has been designed using combination of DOM method and VIPS algorithm for developing segments from a web page. Here both the structural and visual aspects of a web page to create a segment have been
considered. A segment is such a basic unit of web page which cannot be further divided. This is done by processing a web page through a BLOCK CREATION ALGORITHM which is discussed further.

References

- Fangju Wang, Jing Li, Hooman Homayounfar, A space efficient XML DOM parser, Department of Computing and Information Science, University of Guelph, Guelph, Ont., Canada, Jan. 2007.

Index Terms

Computer Science
Web Designing
Keywords