Abstract

RSS (Really Simple Syndication) is a content delivery vehicle. It is the format used when we want to syndicate news and other web content. When this content gets distributed it is called a feed. It takes most people much time to look for new information from one website to other. With RSS readers, we can aggregate latest updates from multiple websites in one place creating a single view for this information. The application explained implements a web-based RSS reader which incorporates an Automatic Filtering Technique (AFT) for mobile devices. A web-based RSS reader is implemented that will simply aggregate news video feeds from multiple news sources. After that, AFT (Automatic Filtering Technique) is to be implemented which forms the crux of this project. If a mobile user is interested in receiving a specific video in reference with a specific category, he or she need not scroll through the whole RSS feeds—which is the usual scenario. In fact, user can submit request as per his requirements, and receive the appropriate video via RSS reader. Repeated requests from same user are retrieved from a buffer and not from the web server. This filtering technique will surely help in reducing the processing cost of mobile devices. Moreover, system is developed as web-based RSS reader solution so as to allow the users to retrieve updated content through the website by only using a mobile web browser. They need not install a mobile reader on device thereby saving resources.
References


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Index Terms

Computer Science

Information Sciences
**Keywords**

RSS (Really Simple Syndication)  AFT (Automatic Filtering Technique)