Standard Languages for Creating a Database to Display Financial Statements on a Web Application

Authors : Vladimir Simovic, Matija Varga, Predrag Oreski

Abstract : XHTML and XBRL are the standard languages for creating a database for the purpose of displaying financial statements on web applications. Today, XBRL is one of the most popular languages for business reporting. A large number of countries in the world recognize the role of XBRL language for financial reporting and the benefits that the reporting format provides in the collection, analysis, preparation, publication and the exchange of data (information) which is the positive side of this language. Here we present all advantages and opportunities that a company may have by using the XBRL format for business reporting. Also, this paper presents XBRL and other languages that are used for creating the database, such XML, XHTML, etc. The role of the AJAX complex model and technology will be explained in detail, and during the exchange of financial data between the web client and web server. Here will be mentioned basic layers of the network for data exchange via the web.

Keywords : XHTML, XBRL, XML, JavaScript, AJAX technology, data exchange
Conference Title : ICEDT 2017 : International Conference on Extending Database Technology
Conference Location : Venice, Italy
Conference Dates : February 16-17, 2017