

ABSTRACT

Web technology today has grown rapidly. Web technology is currently widely used as a medium for exchanging information. While many web applications that have utilized Asynchronous JavaScript and XMLHTTP (AJAX) as a method of data exchange between client and server. This process between the client and the server in the web application is still being felt not enough because of the same origin policy restrictions. These limits can actually be eliminated by using several techniques, namely data exchange with JSONP and Cross Origin Resource Sharing. In using these techniques, of course there are advantages and disadvantages of each. By using JSONP and Cross Origin Resource Sharing, the performance cross-origin resource sharing and JSONP are measured by the browser type, request method and file size to the level of accuracy of the data, load time and parsing time using load testing. For the results of this testing, the Cross Origin Resource Sharing using JSON data format has better performance than Cross Origin Resource Sharing using XML data formats and JSONP. The data accuracy rate of Cross Origin Resource Sharing and JSONP showed a value of 100% for the amount of test data that is huge though.

Keyword :load time, parsing time, request method, same origin policy, AJAX