

Abstract

Every verse in the Qur'an has Arabic meaning. These verses have the same meaning and are interrelated. So that in understanding the meaning associated with the verses of the Qur'an it is necessary to study deeper interpretations of the Qur'an. However, there are many different interpretations in interpreting each verse or word in the Qur'an. Every word in the verses of the Qur'an contains references from / to whom the meaning of the verse is addressed. This is increasingly difficult to understand because it can lead to misinterpretation. As in a study that produced The Quranic Arabic Corpus, we can study the structure of words, the relationship between words in the Qur'an and also understand their meaning. file structure for references from / to whom the words in the Qur'anic verses and meanings in different interpretations have not been accommodated. Therefore, the construction of a Qur'anic file structure based on lexical annotations aims to facilitate the research process as a language requirement in understanding the content of meanings with different interpretations and as a medium for managing the file structure of the Qur'an. The file structure of the word references in the Al-Qur'an verses can be accessed with a system that has been built and produces applications that can manage Al-Qur'an data to be more structured with the results of testing black box of the system built that the system is functional output results accordingly. The access speed of the two storage media is also calculated to compare the storage performance of the Al-Qur'an file structure based on lexical annotation with the type of .txt file format and sql database.

Keywords: construction of file structure, lexical, qur'an, references, storage