A Cloud-Based Cross Language Search Engine For Quranic Application

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Abstract—In this paper, we describe a Cloud-Based Cross LANGUAGE Search engine, which aims at providing a unifying framework for searching the Quranic verses in multi-language. It uses Drupal technology for the implementation. It includes all necessary components for searching, building mobile applications and social networks around the central theme of Qur’an. A salient feature of the proposed API is the ability to retrieve Qur’anic verses in Arabic using search phrases in languages other than Arabic. The other part is design of a Mushaf recitation which is also cloud based and multi-language. We describe the core components and design patterns of the proposed API with emphasis on key design criteria.

Keywords—Drupal, Qur’an API.

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