

Oracle Text is an information retrieval system, which is included in Oracle database. It is built up on the basic Boolean model being further extended by features like assigning weights to individual tokens, calculating similarity of query and documents or fuzzy logic. The new database cartridge called Vector Text is implemented as the extension of Oracle Text, however it is based on the Vector space model. Thanks to this fact the possibilities of controlling the output amount and measuring the relevance of the returned documents are improved. For this purpose there is prepared a lot of functions for calculating token weight and similarity measure of query and document in Vector Text. The simple interface for their further extensions is also present there. The user interface of Vector Text cartridge kept the same principles used in the Oracle Text. Furthermore, the possibility of using special functionalities of Oracle Text being applicable in both models like thesaurus or stoplist have been preserved.