

METHODS, APPARATUSES, AND DEVICES FOR GENERATING WORD VECTORS

ABSTRACT

Implementations of the present specification disclose a method for generating word vectors, apparatus, and device. The method includes: obtaining words by segmenting a corpus; establishing a feature vector of each obtained word based on n-ary characters; training a convolutional neural network based on the feature vectors of the obtained words and the feature vectors of context words associated with each obtained word in the corpus; and generating a word vector for each obtained word based on the feature vector of the obtained word and the trained convolutional neural network.

FIG. 2