

ABSTRACT

NAMED ENTITY RECOGNITION METHOD AND APPARATUS, AND ELECTRONIC DEVICE

Some embodiments of the present disclosure provide a named entity recognition method and apparatus and a device. Firstly, to-be-recognized data is recognized based on a general model to obtain initial prediction data, and the to-be-recognized data is recognized based on a Nth deep learning model to obtain Nth prediction data, where the Nth deep learning model is obtained by training an initial model based on Nth training data, and N is a positive integer. Then, (N+1)th training data is determined according to the initial prediction data and the Nth prediction data, and the initial model is trained based on the (N+1)th training data to obtain a (N+1)th deep learning model, where the (N+1)th deep learning model is configured to recognize the to-be-recognized data. In the embodiments of the present disclosure, training data is continuously updated through multiple iterations, after each update, generalized entities included in the training data are reduced, and a training model obtained by training the initial model with the training data can better remove the generalized entities during entity recognition.

Figure 2