

METHOD AND APPARATUS FOR UPDATING KNOWLEDGE GRAPH

ABSTRACT

Embodiments of this specification provide a method and an apparatus for updating a knowledge graph. In a process of providing knowledge graph-based data support for a current service, a knowledge graph is updated by combining online and offline manners. First, the knowledge graph is constructed offline by using full service data, and full entity linking and entity normalization are performed to initialize the knowledge graph. Then, an incremental update condition is set to perform a plurality of rounds of incremental update. During one round of incremental update, real-time linking is performed based on service data generated in real time, to provide online knowledge graph update; and when the preset incremental update condition is met, incremental linking is performed based on service data newly added in a current incremental update period, to provide offline knowledge graph update and use an updated knowledge graph as an initial knowledge graph in a next round of incremental update. In this way, a related service processing result can be more accurate and effective.

[Fig. 2]