

ABSTRACT

The present invention provides a human-computer interaction method and system based on a knowledge graph. When features used for inquiring information are incomplete in multi-modal input records of a user, to-be-complemented features of current multi-modal input records are determined, and complementing feasibilities of the to-be-complemented features are judged; when a judgment result is that the features can be complemented, feature values of the to-be-complemented features are complemented by adopting an automatic complementing manner, so that the features required when the user inquires the information are automatically complemented, and a response is made to the user based on the knowledge graph, therefore, multi-round conversations can be realized; and when the judgment result is that the features cannot be complemented, a question about the to-be-complemented features is pushed to the user, and feature values of the to-be-complemented features are acquired, so that the features required when the user inquires the information are complemented, and a response is made to the user based on the knowledge graph, therefore, the multi-round conversations can be realized.

Figure 1