

ABSTRACT

HUMAN-ARTIFICIAL INTELLIGENCE (AI) INTERACTION METHOD AND SYSTEM BASED ON LARGE LANGUAGE MODEL (LLM)

A human-artificial intelligence (AI) interaction method based on large language model (LLM) is provided. Pre-management is performed on domain-specific information. When receiving a user problem or a user request, the user question or the user request is preprocessed. The domain-specific information is added to a retrieval scope for retrieval to find an information fragment that is most similar to the user problem or the user request. The information fragment is processed as required to obtain a processed information fragment, and the processed information fragment is taken as the context information of the user problem or the user request. The context information and problem information are transmitted to the LLM for processing according to a LLM interface usage method or requirements. A human-AI interaction system includes a pre-managing module, a problem preprocessing module, a retrieval module, an information fragment processing module, and a transmitting module.

Figure 1