

ABSTRACT

When a user inputs a search condition, an agent 250 sends, to a database of each organization A, B, etc. to which the user does not have an access right, a search request including the search condition and the ID of a cooperation participant member having an access right to the database of the organization. A search device 110 of each organization stores a graph in which data elements are defined as nodes and the relationships among the data elements are defined as links. A proxy 130 of each organization causes the search device 110 to search for a chain of links that connect between a data element that meets the search condition in the search request from the agent 250 and a data element that represents the cooperation participant member in the search request, and returns to the agent 250 information on a cooperation participant member that may have access to the data element that meets the search condition on the basis of the search result.