

DATA PROCESSING METHOD, RECORDING MEDIUM, AND DATA
PROCESSING APPARATUS

ABSTRACT OF THE DISCLOSURE

Even if an object enters a waiting state due to some problem while future-based message passing is being performed, the object is able to exit from the waiting state without needing to execute time-out processing. When sending a message from a client object to a server object, a data area is reserved. If processing executed by the server object is correctly completed, the data indicating the processing result is stored in the above-described data area. If processing executed by the server object is not correctly completed, the data indicating the status of the server object is stored in the above-described data area. By reading the data stored in the data area, the client object receives the data of the processing result if the processing of the server object has been correctly completed. If the processing of the server object has not been correctly completed, the client object receives the status data.

Figure 1