A DataCoordinator for Data Linkage between Dissimilar Databases

Recently, businesses have placed a high priority on the need to improve business process efficiency at the corporate level by using a tool that enables the efficient linkage of the data accumulated from different databases in different system environments distributed nationwide. In order to meet these needs, NEC started to market the DataCoordinator in July 2005.

The DataCoordinator has the following features.

1) No need to compile application programs

Traditionally, data linkage has generally been accompanied with high-cost work that included the creation, testing and maintenance of application programs. The Data-Coordinator is equipped with a GUI (Graphical User Interface) that facilitates definition and organization of data linkages and thus reduces the cost of the work related both to system construction and operation. For example, the data linkage definition is as easy as simply dragging and dropping by using the mouse on the GUI as shown in **Fig.**

2) Versatile functions

Transfer of data in the master table is either possible immediately as in a batch job or by selecting only the updated data and transferring this to a replica table. Thanks to the inbuilt data processing functions, which include column combination, attribute change and arithmetic calculation features, data linkage between the master and replica tables is possible even when the table formats are different.

3) Multiple linkage variations

Data linkage is possible with the mainframes RIQS II-V1 or V2 as well as the Oracle, SQLServer and PostgreSQL database products. The applicable databases as well as the platform OSs will be expanded in the future for added linkage variations (Please visit our website for the latest information).



Database Group,

2nd Computers Software Division, NEC Corporation Mail: webmaster@ace.comp.nec.co.jp URL: http://www.ace.comp.nec.co.jp/dc/



Fig. GUI display.