

Automatic name collecting database technology

Simple name collecting across multiple databases in different formats



Overview

RDB (Relational Data Base) and KVS (Key-Value Store) are commonly known database technologies, but they are inconvenient to use across multiple systems.

To provide a name collecting system **capable of performing robust data management without requiring complicated table design and management, and performing efficient operation even for unrelated data managed by multiple systems.**

	Advantages	Disadvantages
RDB	Because the tables are tabular, engineers can intuitively design the data in the tables	Theoretical design is required and is complex, as the linkage information between tables needs to be designed each time
KVS	Provides table design flexibility for RDB by having field information in the data itself	Data design in tables is not intuitive, difficult to grasp from a bird's eye view, and weak, including maintainability

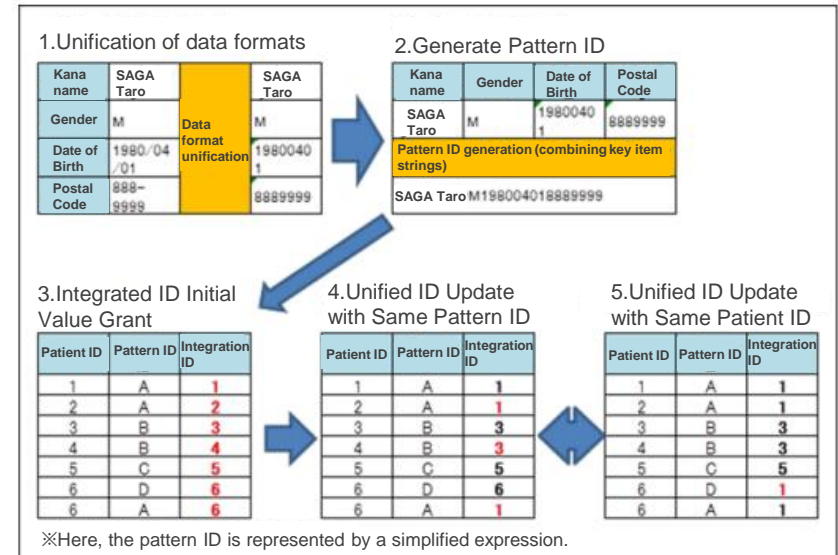
Product Application

- ❑ Management database
- ❑ Name collecting Tool Data Cleansing Tool

IP Data

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Features • Outstandings



Related Works

[1] Susumu Fujii et al. (2016), Evaluation of the Ability of Integrated ID (Automatic Name Collecting Technology) Generated from Pattern ID and Patient ID to Identify Individuals, and Evaluation of Its Usefulness for Time-Course and Coverage in a Large Medical Information Database Caused by Linkage between Institutions

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