

METHODS FOR IMPROVING LATENCY AND DATA CONSISTENCY IN LARGE DATABASES FOR BIDIRECTIONAL LOOKUP

Abstract

5

A computer-implemented method comprises a step of receiving from users respective primary entity-IDs. Each primary entity-ID comprise a first and second bit string. The method further comprises a step of generating respective mapped-IDs from each of the primary entity-IDs, such that i) each of the mapped-IDs is unique, and ii) the mapped-IDs each comprise the first
10 bit string of the primary entity-ID and a third bit string different from the second bit string of the primary entity-ID.

[Figure 1]