LINKING TABLES IN DATABASE MANAGEMENT SYSTEM

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Annotation: This article provides information on linking tables in a database management system.
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Introduction

 The process of designing informative systems is sufficient complex issue. It is infomantic of data it starts with the construction, that is, the identification of the essence.Then the following is the logical model procedure of the design it will be necessary to follow the steps.

1.   Each of the database tables (main table description of the unrelated essence (sterjen) and this basic (basal) the first key of the table must be specified.

2.   Connect each association ("to many-many" and another-niches) to describe in the form of a base table. In this table assotsi-atsia external key for participant identification-it is necessary to use.

3.   Each feature as a base table with an external key should be described. To the external key of the table and its initial it is necessary to specify the restrictions imposed on the key.

4.   External to each of the marks considered in the previous points the basis with the key should be described as a table. Each of the same type what external key restrictions should be specified.

 5. In the base table, which represents the essence of each property, may-should be described in the form of grain (identifiable by this texture the essence is described).

6. Direct violation of some principles of normalization-in order to prevent, perform the normalization procedure needed.

7. Splitting some kind of tables in the normalization process if the process takes place, the infomancy of the database will be-deli must be improved and the listed steps it is necessary to repeat.

8. To the integrity of the projected database show the constraints to be imposed and the generated table and fields should be described briefly (if necessary).

This procedure depends on the sole functional in the optional table- the likes are based on being k - >f in view, where K is a dast-the lip is the key, and F is the other field. Considering that it must be said that this follows from the initial key definition, i.e. K - >F the link is fulfilled for all fields of the given table-ladi. ” One fact in one place " means other functional dependencies means that it has no power.The purpose of the normalization is from the K - >F-view bond other than that is to give up bonds.

Primary (external) keys when you normalize if its codes are replaced by those of the initial Keys, then the following two cases will have to be considered:

1. Let the table be in the form of the first content Key, let's say:
Ê1, Ê2. In addition, this can be applied to some part of the key, such as, K2 functionally dependent but not fully key dependent F let the field include. In this case K2 and F(K2—primary key) offer to organize another table that includes- will and F from the start table will be deleted: T (K1,K2, F), Primary Key (Ê1, Ê2), ÔÇ Ê2->Fni T1 (K1,K2), primary key (Ê1, Ê2 and T2 (K2,F), replace the primary key Ê2.

2. The table has a primary (possible) K Key, which is the key F1 is the impossible key to the field, while F1 is the field of course KGA is functionally dependent and another keyless F2 the area, on the other hand, is functionally dependent on F1. Here is the solution, in fact, the

previous one itself-F1 and another, which embodied F2 the table is formed, with the starting key F1 and F2 may-grains are removed from the starting table:

T (K, F1, F2), first key Ê, ÔÇ F1->F2ni T1 (K,F1), first key Ê and T2 (F1,F2), let the first key be replaced by F1.

For any given table, see repeating rule-based variables, almost all in cases, many tables can be obtained, which are" final " normal is visually (in form) and thus is different from K - >F which does not have any functional connection.

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