

BR_Schema – Schema Services

Revision history

2017-04-11	Robin Lamacraft	Original draft
2018-06-01	Don Ferguson	Removed DB tables; inserted reference to actual tables used

SCOPE

The Schema Definition Tables form a separate reference database. They define the user data and auxiliary database tables that are modified during the use of HRE. This database exists separately within the Server Component. It is used to create the User Project Database. Some of these tables are maintained with a time stamped parallel copy within the Client Component to speed up the composition of some database SQL queries.

These database records are initially loaded by an administrator using a batch bulk add procedure from text files as the base input. This procedure then composes SQL commands to construct this set of database tables.

NOTE: All actions below must be aware of the GUI-Language, the User Data Entry Language and the Report Language.

ACTIONS

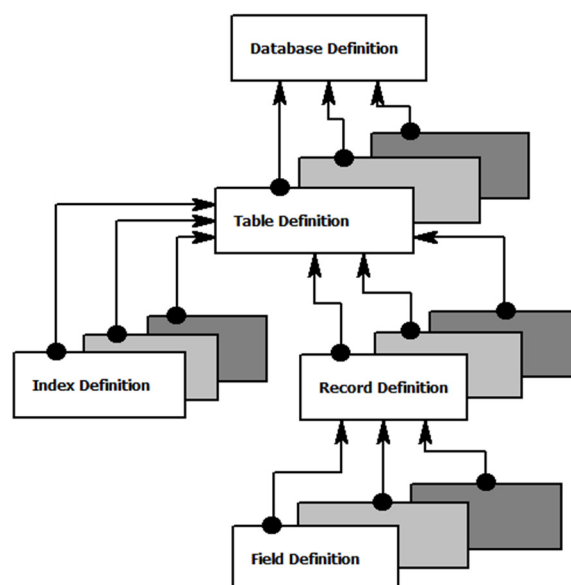
1. On a Load Schema request: (admin only) read an external file to build a new schema or to update the existing schema (uses the **Tools > Admin > Update Schema** GUI to initiate this request)
2. On a New Project request: create an empty database from these schema definition files
3. On an HRE ID request: return the database identity ID, the table ID in a database, the field ID and the instance ID for that record (or as much as possible).

USED BY

1. Any process that needs to classify an HRE_ID

DATA CONTROLLED BY THIS MODULE

Refer to Database tables #101 – 112.



REQUIRED SERVICES

1. BR_EntityLink
2. BR_UserTranslation
3. BR_FieldTranslation.

WARNING CONDITIONS

1. Need details of the condition that raised the warning, example message and possible next steps.

ERROR CONDITIONS

1. Need to record the condition that raised the error, example message and possible next steps.