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C-3. Table Structure for Selected Tables

SHEF Data Value Tables

Two different table structures have been utilized for the SHEF Data Value Tables. These are: 1) single value per row table, and 2) pseudo array table (multiple values per row). A major change in release ob7.2 is that table fragmentation, which was used for some tables with the Informix RDBMS, is not available in the Postgres RDBMS.

The pseudo array table structure was developed and tested by CBRFC for use in their fastetc database. This table structure in itself (generally) allows for faster query performance.

Single value per row tables:

> pedcsep
> pedrsep
> peoosep
> pedfsep
> unkstnvalue
> commentvalue
> pairvalues
> peirsep

Pseudo array tables:

> pecrsep
> pemrsep
> pedpsep
> pehpsep
> peqpsep
> pempsep
> pehfsep
> peqfsep

Rating Table Structure

The table *rating* changed in release ob7.2 to accommodate a request from the national RATINGS team led by Dave Reed (HIC, LMRFC). Part of the change takes advantage of a feature that exists in Postgres but did not exist in Informix, i.e. having a column as an array. In addition, the table *ratingshift* has a couple of changes due to the new rating table structure.

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