B$FRER – Return Number of Free Records

The B$FRER routine returns the number of free records in a Speedbase database record set.

1.   Invocation

To return the number of free records in a Speedbase record set code:

```
CALL B$FRER USING database record-id free
```

where *database* is a PIC X(7) variable, or literal, containing the database name (**including the "DB" prefix**); *record-id* is a PIC X(2) variable, or literal, containing the record-id; and *free* is a PIC 9(9) COMP variable into which the number of free records is returned.

2.   STOP Codes and Exception Conditions

The following STOP codes may be generated by B$FRER:

STOP code	Description
25012	The record-id specified is not in the database.
25074	The database is a DBX format database

The following EXIT codes may be returned by B$FRER:

EXIT code	$$COND	Description
25550	50	The database is not open; or it's not possible to open the equivalent Data Dictionary; or error reading the Data Dictionary.

3.   Programming Notes

B$FRER is only available for non-DBX databases. A STOP CODE (see above) will be generated if B$FRER is attempted on a DBX format database.

The number of free records returned by B$FRER is only meaningful for a Global-format Speedbase database. For Pervasive SQL and Microsoft SQL format databases the notional number of free records is calculated by subtracting the number of used records from a notional maximum record size of 99,999,999.

4.   Examples

[EXAMPLE REQUIRED]

5.   Copy-Books

None.

6.   See Also

B$STA   Return database record status (non-DBX only)

B$STB   Return extended database record status (non-DBX only; DBX for GSM SP-40)
B$ST2   Return database status (non-DBX only)
B$ST2N   Return database status, passing database name (non-DBX only)
B$ST   Return database status (DBX, non-DBX for GSM SP-15)
B$STNC   Hybrid of B$ST and B$STB
B$FRER   Return number of free records (non-DBX only)