DBACN$ – Map Finder Attribute Code to Name

The DBACN$ routine can be used in conjunction with the BOS/Finder Access Method to map a numeric Finder Attribute Code to an Attribute Name.

1. Invocation

To map a numeric Finder Attribute Code to an Attribute Name code:

```
CALL DBACN$ USING df ac an
```

where df is a control block as described below, ac is a PIC S(9) COMP field containing the Attribute Code and an is a PIC X(10) field in which the Attribute Name is returned. The df block, established by a successful BFAM OPEN operation, has this structure:

```
01    DF
  02   DFAREQ        PIC 9(2) COMP           * Attribute lists flag
                                             * 1 = Lists required; 0 = Not
  02   DFPASS        PIC X(8)                * Password
  02   DFTIT         PIC X(30)               * Database title
  02   FILLER        PIC X(260)              * Reserved
  02   DFKEY OCCURS 12
   03  DFKNAM        PIC X(10)               * Key name
   03  FILLER        PIC X(10)               * Reserved
   03  DFKTYP        PIC 9(2) COMP           * Key type
                                             * 0 = Deleted
                                             * 1 = Numeric
                                             * 2 = Date
                                             * 3 = Edit
                                             * 4 = Character
   03  FILLER        PIC X(24)               * Reserved
  02   DFKTER        PIC X(10)               * Terminator
  02   FILLER        PIC X(16)               * Reserved
  02   DFANM         PIC X(2550)             * Database attribute name
  02   DFACD         PIC X(255)              * Database attribute codes
```

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by DBACN$:

STOP code	Description
1	No Database Attributes are required (DFAREQ does not contain 1).

The following EXIT codes may be returned by DBACN$:

EXIT code	$$COND	Description
1	1	The Attribute Code contains the value -1 that terminates a Record Attribute Table.
2	2	The Attribute Code refers to an attribute that has been deleted from a record.
3	3	The Attribute Code refers to an attribute that has been deleted from the database.

4	4	The Attribute Code refers to an attribute that is not present in the list of database attributes.

3. Programming Notes
The DBACN$ routine is only useful in conjunction with the BOS/Finder Access Method.

4. Examples
[EXAMPLE REQUIRED]

5. Copy-Books
None.

6. See Also
DBANC$ Map Finder Attribute Name to Code.