

# B\$PATH – Return Server Name & Path of PSQL or MSQL Database

The B\$PATH routine can be used to obtain the Server Name and BDCF path-name for a Pervasive SQL or Microsoft SQL database. For Pervasive SQL, the individual datafiles (i.e. \*.DAT or \*.MKD) reside in the same folder as the BDCF file. For Microsoft SQL, the location of the database components are defined by Gateway registry settings.

## 1. Invocation

To return the Server Name and BDCF Pathname code:

```
CALL B$PATH USING fd server path [backup]
```

where *fd* is a **closed** FD containing the Schema File name and unit; *server* is a PIC X(50) field into which the Server Name is returned; and *path* is a PIC X(256) field into which the folder name of the BDCF file is returned. For GSM SP-30, and later, the optional *backup* is a PIC X(70) field into which the name of the backup folder, initialized by \$BACKUP, is returned.

## 2. STOP Codes and Exception Conditions

No STOP codes are generated by B\$PATH.

The following exception conditions may be returned by B\$PATH:

EXIT code	\$\$COND	Description
22507	7	Cannot open Schema File

22508	8	Schema File has an invalid organization
22509	9	Unexpected error reading Schema File Header

### 3. Programming Notes

The Server Name is returned with trailing SPACES in the *server* field. This returned string is **not** zero-terminated.

The BDCF folder-name is returned, **excluding** the trailing "W" character in the *path* field. Trailing SPACES are not appended to this string. This returned string is **not** zero-terminated. For consistent results you are advised to initialize path to SPACES before issuing the call to B\$PATH.

The optional Backup Folder Name is returned with trailing SPACES in the *backup* field. This returned string is **not** zero-terminated.

### 4. Examples

```

FD          FD1          ORG UNDEFINED
ASSIGN TO UNIT FD1UNIT FILE FD1FILE
*
77          X-SERV      PIC X(50)
77          X-PATH      PIC X(256)
*
PROCEDURE DIVISION
*
MOVE "DBPARAS" TO FD1FILE
MOVE "PAD" TO FD1UNIT
MOVE SPACES TO X-PATH
CALL B$PATH USING FD1 X-SERV X-PATH

```

### 5. Copy-Books

None.

## 6. See Also