

B\$D-CH – Direct File Access Check and Close Routine

The B\$D-CH routine is one of a family of sub-routines that are reserved for use by the G-3000 Middleware DLMs. B\$D-CH(K) checks for an existing BDAM file and closes the file if it exists.

1. Invocation

To check for an existing BDAM file code:

```
CALL B$D-CH USING [filename]
```

where *filename* is an optional PIC X(8) variable, or literal, that contains the name of the file to be checked. The desired unit is expected to be established in an FD within the BO\$G3M DLM (see below). The filename is **not** copied to the first 8 characters of the \$\$AREA System Variable.

If the *filename* parameter is absent the sub-routine merely returns immediately.

2. STOP Codes and Exception Conditions

No STOP codes are generated by B\$D-CH.

The following EXIT codes may be returned by B\$D-CH:

EXIT code	\$\$COND	Description
1	1	The OPEN OLD or CLOSE DELETE call returned an error.

3. Programming Notes

B\$D-CH(K) has been derived from a G-3000 Middleware DLM. Consequently, some of the functionality (e.g. the EXIT codes) may be non-standard.

The BO\$G3M DLM, rather than the calling program, contains the File Definition (FD) used for the OPEN OLD and CLOSE operations. The *filename* parameter is moved to the File Name field in the internal FD. If the Unit field in the internal FD contains SPACES it will be set to "\$WK" before the OPEN NEW is attempted; otherwise the Unit already established in the FD will be used.

B\$D-CH attempts to open an existing file. If the file cannot be opened an exception is returned. If the file can be opened it is closed immediately.

If the File Address (FDFAD) in the internal FD is zero a CLOSE DELETE operation is executed.

If the File Address (FDFAD) in the internal FD is nonzero a simple CLOSE operation is executed.

Note that B\$D-CH cannot be used to execute a CLOSE TRUNCATE.

The zero-parameter call appears to be pointless and is only supported for backwards compatibility.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

B\$D-2R	Direct File Access Simple Read Next Routine (B\$D-2RNXT)
B\$D-2W	Direct File Access Simple Write Next Routine (B\$D-2WRITE)
B\$D-CL	Direct File Access Close Routine (B\$D-CLOSE)
B\$D-DE	Direct File Access Delete Routine (B\$D-DELETE)
B\$D-IN	Direct File Access Return File Information Routine (B\$D-INFO)
B\$D-OL	Direct File Access Open Old Routine (B\$D-OLD)
B\$D-OP	Direct File Access Open New Routine (B\$D-OPEN)
B\$D-PO	Direct File Access Set Current File Position Routine (B\$D-POSITION)
B\$D-UN	Direct File Access Set Unit Routine (B\$D-UNIT)
B\$D-WR	Direct File Access Write Speedbase Channel (B\$D-WRITE)
B\$E-CL	Direct File Access Extra Close Routine (B\$E-CLOSE)
B\$E-GE	Direct File Access Get Record Length Routine (B\$E-GET-RLEN)
B\$E-RN	Direct File Access Simple Read Block Routine (B\$E-RNXT)
B\$E-SE	Direct File Access Set Record Length Routine (B\$E-SET-RLEN)
B\$E-ZE	Direct File Access Set File Address to Zero Routine (B\$E-ZERO)
R\$B-SA	Direct File Access Save Address of Current Record (R\$B-SAVE)
R\$B-WR	Direct File Access Rewrite from Saved File Address (R\$B-WRITE)
R\$B2WR	Direct File Access Rewrite from Saved File Address (R\$B2WRITE)
R\$PFSC	Direct File Access Check For Free Space (R\$PFSCCHK)