

R\$B-SA – Direct File Access Save Address of Current Record

The R\$B-SA routine is one of a family of sub-routines that are reserved for use by the G-3000 Middleware DLMs. R\$B-SA(VE) saves the file address of the current record.

1. Invocation

To save the current file address of the open BDAM file code:

```
CALL R$B-SA USING [file_addr]
```

where *file_addr* is an optional PIC 9(9) COMP variable into which the current file address is saved.

2. STOP Codes and Exception Conditions

The following STOP codes are generated by R\$B-SA:

STOP code	Description
43 (<i>sic</i>)	The BDAM file was not open.

No EXIT codes are returned by R\$B-SA.

3. Programming Notes

R\$B-SA(VE) has been derived from a G-3000 Middleware DLM. Consequently, some of the functionality (e.g. the STOP codes) may be non-standard.

The BO\$G3M DLM, rather than the calling program, contains the File Definition (FD) of the BDAM file. If the *file_addr* parameter is not supplied the current file address is saved in a local field within the DATA DIVISION of the BO\$G3M DLM.

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-CH	Direct File Access Check and Close Routine (B\$D-CHK)
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)

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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-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)