

SYMBO\$ - Return Address & Format of a Symbol

The SYMBO\$ routine is used to return the address of a data item by supplying the symbol name of that data item.

1. Invocation

To obtain the address and format of a symbol name code:

```
CALL SYMBO$ USING prog symbol ptr frmt
```

where *prog* is a PIC X(8) program name (i.e. page name), *symbol* is a PIC X(8) symbol name; *ptr* is the pointer into which the address of the data item will be returned, and *frmt* is a PIC 9(2) COMP field into which the format of the symbol is returned.

2. STOP Codes and Exception Conditions

No STOP codes are generated by SYMBO\$.

The following exception conditions may be returned by SYMBO\$.

EXIT code	\$\$COND	Description
10702	2	The symbol cannot be found in the specified symbol table.

3. Programming Notes

Both the Program Name (page name) and the Symbol Name must be supplied. SYMBO\$ searches the in-memory Symbol Table to locate the symbol. Thus, SYMBO\$ can only be used to return the address of symbols that are referenced in the compilation.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

SIZOF\$ Return size of data item in bytes

DSFMT\$ Convert data item to displayable format

ADDOF\$ Return address of a symbol