SIZOF$ – Return Size of a Symbol

The SIZOF$ routine is used to return the size (length) of a data item by supplying the symbol name of that data item.

1. Invocation

To obtain the size of a symbol name code:

```
CALL SIZOF$ USING prog symbol size
```

where prog is a PIC X(8) program name (i.e. page name), symbol is a PIC X(8) symbol name and size is a PIC 9(4) COMP variable into which the size of the data item will be returned.

2. STOP Codes and Exception Conditions

No STOP codes are generated by SIZOF$.

The following exception conditions may be returned by SIZOF$.

EXIT code	$$COND	Description
10701	1	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. SIZOF$ searches the in-memory Symbol Table to locate the symbol. Thus, SIZOF$ 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

ADDOF$ Return address of a symbol
DSFMT$ Convert data item to displayable format
SYMBO$ Return address and format of a symbol