

SUBS\$ - Return Sub-volume Size

The SUBS\$ routine retrieves the size of a domain sub-volume and the maximum space available to allocate a new sub-volume.

1. Invocation

To determine the size of a sub-volume code:

```
CALL SUBS$ USING unit current maximum
```

where *unit* is a PIC X(3) field containing the unit number of the sub-volume, *current* is a PIC 9(9) COMP field into which the current sub-volume size is returned; *maximum* is a PIC 9(9) COMP field into which the size of the largest free space available on the domain to allocate a new sub-volume is returned. If the sub-volume is not allocated the current size is returned as zero.

2. STOP Codes and Exception Conditions

No STOP codes are generated by SUBS\$.

The following exceptions may be returned by SUBS\$:

EXIT code	\$\$COND	Description
23001	1	The unit supplied is not supported.
23002	2	SUBS\$ has been attempted on a domain.

3. Programming Notes

For GSM SP-20, and later, if the free space on the disk partition returned by the "Get Free Space" function call is greater than 2Gb (as can occur on some GSM (Unix) configurations) the maximum space returned by SUBS\$ is truncated to 2Gb-1. Earlier versions of SUBS\$ generated a STOP 23001 under these conditions. A maximum size of 2Gb-1 does not mean that a sub-volume of that size can be allocated.

4. Examples

[EXAMPLES REQUIRED]

5. Copy-Books

None.

6. See Also

None.