

FIT\$ - Test if Files will fit on a Sub-Volume

The FIT\$ routine is used to check that a series of files will fit when copied to a sub-volume.

1. Invocation

To check that a series of files will fit when copied to a sub-volume code:

```
CALL FIT$ USING unit ft
```

where *unit* is a PIC X(3), or literal, unit-id and *ft* is a control block of the following format:

```
01 FT
02 FTNUMB PIC 9(4) COMP * Number of files in file list
02 FTGSIZ PIC 9(9) COMP * Extra spaces required if files won't fit
02 FILLER OCCURS 250 * List of up to 250
03 FTNAME PIC X(8) * filenames
03 FTSIZE PIC 9(9) COMP * and sizes
```

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by FIT\$:

STOP code	Description
15401	FTNUMB does not contain a value between 1 and 250
15402	Invalid size in FTSIZE list
15403	Duplicate file names in FTNAME list (removed for GSM SP-18, and later)
15404	Overflow in FIT\$ internal calculations
15405	Internal error in duplicate file removal routine

The following EXIT codes may be returned by FIT\$:

EXIT code	\$\$COND	Description
15401	1	Copying the files would exceed the 250 file directory limit
15402	2	File(s) will not fit in the sub-volume, extra size required returned in FTGSIZ

15403	3	File(s) will not fit in the sub-volume, extra size required returned in FTGSIZ (sic)
15404	4	Unable to attach to unit
15405	5	Unable to read volume label
15406	6	IN USE file detected on sub-volume
15407	7	Open Shared file detected on sub-volume
15408	8	Close operation failed
15409	9	More than 250 files in the directory
15410	10	Copying the files would exceed the 2Gb sub-volume limit
15411	11	Overlapping files in directory detected
15412	12	The last file exceeds the size of the sub-volume

3. Programming Notes

The FIT\$ should only be used by application installation programs.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

None.