

EX-RS\$ - Export Relative Sequential (RS) File to Windows

The EX-RS\$ routine is available to export a GSM Relative Sequential file to a Windows file.

1. Invocation

To export a GSM Relative Sequential file to a Windows file code:

```
CALL EX-RS$ USING file unit windows_file
```

where *file* is a PIC X(8) variable or literal containing the name of the GSM file, *unit* is a PIC X(3) variable or literal containing the name of the unit where the file resides; and *windows_file* is a zero-terminated string containing the full pathname of the Windows file.

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by EX-RS\$:

STOP code	Description
8005	The Relative Sequential file is IN USE.
8006	The Relative Sequential file has an invalid Record Length.

The following EXIT codes may be returned by EX-RS\$:

EXIT code	\$\$COND	Description
1	1	Error opening the Relative Sequential file.
2	2	Error creating the Windows file.
3	3	Error writing data to the Windows file.
8	8	Error writing Header Record to the Windows file.
10	10	The Record Length of the RS file exceeds 2048.

3. Programming Notes

EX-RS\$ is only available with GSM SP-38, or later.

The Record Length of the RS file must be between 1 and 2048.

If an existing Windows file of the same name already exists it will be automatically deleted by EX-RS\$.

The Windows file created by EX-RS\$ contains a 256-byte Header Record and thus is not suitable for general use. A Windows file created by EX-RS\$ is only suitable for re-import using IM-RS\$.

The format of the Header Record is as follows:

01	H-HEADER		
02	H-HDID	PIC X(8)	* HEADER FILE ID STRING
	VALUE	"GSMRSEXP"	* MUST CONTAIN THIS STRING
02	H-FILE	PIC X(8)	* ORIGINAL RSAM FILE NAME
02	H-UNIT	PIC X(3)	* ORIGINAL RSAM FILE UNIT
02	H-EXTEN	PIC 9(9) COMP	* RSAM FILE EXTENT
02	H-RECLE	PIC 9(4) COMP	* RSAM RECORD LENGTH
02	H-WFILE	PIC X(100)	* PATHNAME OF WINDOWS FILE WHEN CREATED
02	H-FILL	PIC X(131)	* PAD TO EXACTLY 256 BYTES

The contents of the Header Record allows the RS file imported by IM-EX\$ to inherit the File Extent and Record Length of the original RS file exported by EX-RS\$. The number of records following the Header Record allow the nascent imported RS file imported by IM-RS\$ to be created with the same File Size as the original RS file exported by EX-RS\$.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

XFER\$	Export/Import RSAM File to Windows
IM-RS\$	Simple Import Relative Sequential File from Windows