

GXFDT\$ - Get File Date/Time from GX

The GXFDT\$ routine is available to obtain the Last Modification Date/Time of a Windows file that is currently open using the GX DBAM Access Method.

1. Invocation

To obtain the Last Modification Date/Time of an open GX BDAM file code:

```
CALL GXFDT$ USING fd date_time
```

where *fd* is the FD of an open GX BDAM file; *date_time* is a PIC X(8) variable.

2. STOP Codes and Exception Conditions

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

STOP code	Description
23937	GXFDT\$ has been called by an application that is not running on GX.
23939	An attempt was made to call GXFDT\$ on an incompatible version of GX. The version of GX must be V2.7, or later.
23938	An unexpected error has been reported by GX

The following EXIT codes may be returned by GXFDT\$.

EXIT code	\$\$COND	Description
23924	24	An error has been returned from the GetFileTime function. The detailed 32-bit error code is available in \$\$CRES.

3. Programming Notes

GXFDT\$ is only available when running on GX. Any attempt to use GXFDT\$ on a non-GX terminal will result in a STOP code.

The Date/Time field returned by this routine is supplied in an internal Windows format. The precise form of the Date/Time field is beyond the scope of this documentation.

The SVC-61 function of GLOBAL.EXE V4.7, and later, supports an operation to convert the internal Windows format Date/Time to an external format.

Calling convention:

SVC 61 USING DS

Where:

01	DS		* 32-bit DS-block for Windows
02	DSFUNC	PIC X	* Function
02	DSMODE	PIC X	* Subfunction
02	DSRES	PIC 9(4) COMP	* Result code
02	DSHAND	PIC 9(4) COMP	* File handle
02	FILLER	PIC SPT	* File name (WAS DSNAME)
02	FILLER	PIC SPT	* Buffer (WAS DSBUFF)
02	DSATTR	PIC X(2)	* File attributes
02	DSNBYT	PIC 9(4) COMP	* Number of bytes read/written
02	DSPARM		* Function specific arguments
03	DSPAR1	PIC 9(4) COMP	
03	DSPAR2	PIC 9(4) COMP	
03	DSPAR3	PIC 9(4) COMP	
03	DSPAR4	PIC 9(4) COMP	
02	DSHA32	PIC X(4)	* WINDOWS NT HANDLE
02	DSHAFI	PIC X(4)	* WIN32 FIND HANDLE
02	DSRESW	PIC 9(9) COMP	* WIN32 ERROR CODE
02	DS32NAME	PIC PTR	* 32-bit ptr to file name
02	DS32BUFF	PIC PTR	* 32-bit ptr to buffer
02	FILLER	PIC X(3)	* Reserved for future use
02	DS32ERR	PIC X	* 32-bit error code
*			
01	FILLER	REDEFINES DSPAR2	
02	DSP2H	PIC 9(2) COMP	
02	DSP2L	PIC 9(2) COMP	
01	FILLER	REDEFINES DSPAR3	
02	DSP3H	PIC 9(2) COMP	
02	DSP3L	PIC 9(2) COMP	
01	FILLER	REDEFINES DSPAR4	
02	DSP4H	PIC 9(2) COMP	
02	DSP4L	PIC 9(2) COMP	

On entry:

DSFUNC	#F5
DSMODE	#01
DS32BUFF	Pointer to PIC X(8) Windows Date/Time field

On exit:

DSPAR1	Year number
DSP2H	Month
DSP2L	Day
DSP3H	Day of week
DSP3L	Hour
DSP4H	Minute
DSP4L	Second

4. Examples

[EXAMPLES REQUIRED]

5. Copy-Books

None.

6. See Also

None.