

GXFIF\$ - Find First File on GX

The GXFIF\$ routine is used to find the first file in a folder on the PC running GX.

1. Invocation

To find the first file in a folder on the PC running GX code:

```
CALL GXFIF$ USING fi
```

where *fi* is a control block of the following format:

```

01  FI
02  FIWILD      PIC PTR          * POINTER TO TARGET FILENAME
02  FILLER      PIC 9(9) COMP    * RESERVED FOR USE BY GXFIF$
02  FIATTR      PIC 9(9) COMP    * RETURNED FILE ATTRIBUTE
02  FINAME      PIC PTR          * PTR TO AREA FOR RETURNED FILENAME
    
```

2. STOP Codes and Exception Conditions

The following STOP codes are returned by GXFIF\$.

STOP code	Description
14450	GXFIF\$ has been called by an application that is not running on GX.

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

EXIT code	\$\$COND	Description
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14410	10	Internal error type-1 in GXFIF\$.
14411	11	Internal error type-2 in GXFIF\$.
14412	12	A Windows error has been detected by GX. The Windows result code is available in the \$\$CRES System Variable. Note that error code 2 is returned if no files match the target filename.

3. Programming Notes

The GXFIF\$ routine must be used in conjunction with the GXFIN\$ and GXFIC\$ routines.

Before calling GXFIF\$ the FIWILD field must be initialised to point to a zero-terminated string containing the target filename. Wildcards are allowed, for example: "C:\WTEMPW*.TXT". The FINAME field must be initialised to point to a PIC X(256) field that will contain the first file name that matches the target filename specification.

If the call to GXFIF\$ is successful the filename is returned in the buffer area pointed to by FINAME; and the Windows file attribute value is returned in FIATTR. The filename is not returned as a Windows zero-terminated string but rather as a PIC X(256) string padded with trailing spaces.

The value returned in FIATTR is a collection of bit flags as defined here:

[https://msdn.microsoft.com/en-us/library/windows/desktop/gg258117\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/gg258117(v=vs.85).aspx)

Note that the 0x0010 bit indicates a directory rather than a file.

A successful call to GXFIF\$ is normally followed by further calls to GXFIN\$ and **MUST** be followed by a final call to GXFIC\$.

4. Examples

[EXAMPLES REQUIRED].

5. Copy-Books

None.

6. See Also

GXFIN\$ Find Next File on GX

GXFIC\$ Close Find Handle on GX