

GXDEX\$ - Delete Windows File on GX

The GXDEX\$ routine can be used to delete a file on the PC that is running the current GX session.

1. Invocation

To delete a file on the PC that is running GX code:

```
CALL GXDEX$ USING filename
```

where *filename* is a zero-terminated string which specifies the file to be deleted.

2. STOP Codes and Exception Conditions

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

STOP code	Description
7910	GXDEX\$ has been called by an application that is not running on GX.
7912	An internal error has occurred (the file name was longer than 8Kb)
7913	An attempt was made to call GXDEX\$ on an incompatible version of GX. The version of GX must be V2.6, or later.
7914	A file name was not specified.

The following exception conditions may be returned by GXDEX\$:

EXIT code	\$\$COND	Description
7903	3	An internal error has occurred (GXDEX\$ was unable to allocate an additional temporary data page)
7904	4	The replaceable file parameter is not present in the GX.INI file.
7905	5	The Windows file DeleteFile operation failed. The Windows 32-bit error code is available in the \$\$CRES System Variable.

7906	6	An internal error has occurred (GXDEX\$ was unable to allocate an initial temporary data page)
------	---	--

3. Programming Notes

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

If GXDEX\$ returns an Exception 4 the 32-bit Windows error code is available in \$\$CRES. The FMESS\$ [fmess\\$.doc](#) sub-routine may be used to convert the error code to a verbose error message.

The file name parameter can specify either:

- an absolute filename (on the filing system of the PC that is running GX);
- an absolute UNC filename on a shared directory (as "seen" from the PC that is running GX);
- a file on, or under, the current directory on the PC that is running GX;
- a file on, or under, the Windows directory on the PC that is running GX;
- a file on, or under, the LocalTempDirectory specified in the GX.INI file;
- a file on, or under, a free-format directory keyword specified in the GX.INI file;
- a file on, or under, a free-format directory keyword specified as a Windows environment variable;

For example assuming that the "current directory" for GX is "C:\GX"; the "Windows directory" is "C:\Windows"; the GX.INI file contains the following setting in the [general] section:

```
LocalTempDirectory=C:\TEMPORARY
```

and the following settings in the [folders] section:

```
DTEMP1=D:\TEMPORARY
DTEMP2=F:\TEMPORARY
```

And the following Windows environment variable is defined:

```
DTEMP3=G:\TEMPORARY
```

then the following *filename* parameters will be mapped to the following pathnames on the PC running GX:

<i>filename</i> parameter	Filename on PC running GX.EXE
---------------------------	-------------------------------

C:\WINDOWS\EXAMPLE.TXT	C:\WINDOWS\EXAMPLE.TXT
\\SERVER1\SHARE\EXAMPLE.TXT	\\SERVER1\SHARE\EXAMPLE.TXT
EXAMPLE.TXT	C:\GX\EXAMPLE.TXT
.\EXAMPLE.TXT	C:\GX\EXAMPLE.TXT
SUBDIR\EXAMPLE.TXT	C:\GX\SUBDIR\EXAMPLE.TXT
%TEMP\EXAMPLE.HTML	C:\TEMPORARY\EXAMPLE.HTML
%WINDOWS\EXAMPLE.XML	C:\WINDOWS\EXAMPLES.XML
%DTEMP1\EXAMPLE.TXT	D:\TEMPORARY\EXAMPLE.TXT
%DTEMP2\EXAMPLE.TXT	F:\TEMPORARY\EXAMPLE.TXT
%DTEMP3\EXAMPLE.TXT	G:\TEMPORARY\EXAMPLE.TXT
C:\%DTEMP3\EXAMPLE.TXT	The results of including a variable parameter in the middle of a <i>filename</i> string are undefined.

If a %variable exists both as a Windows environment variable **and** as an option in the [folders] section of the GX.INI the GX.INI file setting will be used.

If the file specified by the filename string does not exist an exception condition 4 with a \$\$CRES value of 2 will be returned by GXDEX\$.

The %TEMP and %WINDOWS strings are effectively reserved words and cannot be used to define either Windows environments variables or options in the [folders] section of the GX.INI file. The %TEMP string is mapped to the value of the LocalTempDirectory setting in the [general] section of the GX.INI file. If the LocalTempDirectory setting is not defined, the %TEMP string is mapped to the Windows temp directory. The %WINDOWS string is always mapped directly to the Windows folder.

The %XML and %TCPIIMAGES strings are also reserved words and cannot be used to define either Windows environments variables or options in the [folders] section of the GX.INI file. Both these special strings are reserved for internal use only. The %XML string is always mapped directly to the folder "XML", relative to the current GX folder. The %TCPIIMAGES string is always mapped directly to the folder "PFPrintImage", relative to the current GX folder;

4. Examples

[EXAMPLES REQUIRED]

5. Copy-Books

None.

6. See Also

GXDEL\$ Delete Windows file on GX (passing FD parameter)