

GXVEX\$ - Get Extended GX Version

The GXVEX\$ routine can be used to obtain the version and creation date of either GX.EXE or GXIO.EXE. This routine can also be used to obtain the Windows screen resolution of the computer running GX.

1. Invocation

To obtain the version and creation date of GX.EXE or GXIO.EXE code:

```
CALL GXVEX$ USING type vx
```

where *type* is a PIC 9(4) COMP field, or literal, that identifies either GX.EXE or GXIO.EXE; and *vx* is a control block of the following format:

```
01  VX
02  VXVERS      PIC X(6)          * GX.EXE or GXIO.EXE version
02  VXDATE      PIC 9(6) COMP     * GX.EXE or GXIO.EXE creation date
```

To obtain the Windows screen resolution code:

```
CALL GXVEX$ USING type dim
```

where *type* is a PIC 9(4) COMP field, or literal, that identifies either the width or depth; and *dim* is a PIC 9(9) COMP field into which the screen information is returned.

2. STOP Codes and Exception Conditions

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

STOP code	Description
14203	GXVEX\$ has been called by an application that is not running on GX

No exceptions are returned by GXVEX\$.

3. Programming Notes

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

The following values of the *type* field are valid:

- 1 Return the version and date of GX.EXE
- 2 Return the version and date of GXIO.EXE
- 3 Return the screen width in pixels
- 4 Return the screen depth in pixels

The format of the version string returned (for *type* = 1 or 2) is always:

Vn.mab

where: *n* always numeric
 m always numeric
 a either blank or alphabetic (upper or lower case)
 b either blank or “+” (the “+” indicates a evaluation version of GX.EXE)

For example:

V3.4
V3.5b
V3.5b+

4. Examples

[EXAMPLES REQUIRED]

5. Copy-Books

None.

6. See Also

GXVERS\$ Get GX.EXE version.