

VEXTN\$ - Validate Windows File Extension

The VEXTN\$ routine can be used to validate the extension of a Windows filename.

1. Invocation

To validate the extension of a Windows filename code:

```
CALL VEXTN$ USING filename length table
```

where *filename* is a PIC X(n) field containing the Windows filename, *length* is the length of the PIC X(n) *filename* field and *table* is an OCCURS x PIC X(4) table containing a list of valid file extensions. The length of the field containing the filename must be between 1 and 256.

2. STOP Codes and Exception Conditions

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

STOP code	Description
1	The <i>length</i> variable is not between 1 and 256, inclusive.

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

EXIT code	\$\$COND	Description
1	1	The filename does not include a Windows extension (i.e. no “.” character found in the text-string)
2	2	The file extension of the filename is not in the table.

3. Programming Notes

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

The file-name string in the *filename* field must be followed by trailing SPACES (even if the string is zero-terminated). The *table* array must be terminated by a dummy entry of 4 SPACES. For example, to validate the filename extension for one of *.bmp, *.jpg, *.jpeg, the *table* parameter should contain:

```
77  TABLE OCCURS 4 PIC X(4)
      VALUE "bmp "
      VALUE "jpg "
      VALUE "jpeg"
      VALUE "    "
```

Note that the entries in the table do **not** require a “.” character.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

None.