MKDIR$ - Make Directory on Server

The MKDIR$ routine is available to create a new directory on the server that is running GLOBAL.EXE.

1.   Invocation

To create a directory on the server running GLOBAL.EXE. code:

```
CALL MKDIR$ USING dir_name
```

where *dir_name* is the directory name **WHICH MUST BE TERMINATED WITH A BINARY ZERO** (i.e. a byte of LOW-VALUES).

2.   STOP Codes and Exception Conditions

The following STOP codes may be generated by MKDIR$:

STOP code	Description
7603	MKDIR$ has been called computer that is not running GSM (Windows)

The following EXIT codes may be returned by MKDIR$.

EXIT code	$$COND	Description
7603	03	Error returned from the Windows CreateDirectory() API call that was used to create the directory. The Windows error code is returned in the $$CRES System Variable.

3.   Programming Notes

MKDIR$ is only available on GSM (Windows) configurations. Furthermore, MKDIR$ is only available with GSM SP-15, or later.

The directory string MUST be terminated by a byte of binary-zero (i.e. #00, LOW-VALUES).

The directory parameter can specify either:

- an absolute directory (on the filing system of the PC that is running GLOBAL.EXE);

- an absolute UNC directory on a shared directory (as "seen" from the PC that is running GLOBAL.EXE). This option is not generally useful as Windows permissions may cause the function to fail;

- a directory on, or under, the current directory on the PC that is running GLOBAL.EXE;

- a directory on, or under, the Windows directory on the PC that is running GLOBAL.EXE;

The special path-name options supported by GXMKD$ are not supported by the simpler MKDIR$.

The exception handling may have to distinguish between the following 3 conditions:

- directory created successfully;

- directory not created because it already exists;

- directory not created because of some other error.

The following code template should be used

```
CALL MKDIR$ USING X-DIRECTORY
ON NO EXCEPTION                         * DIRECTORY CREATED OK
* normal processing
ELSE                                    * NEW DIRECTORY CREATE FAILED
     IF $$COND = 3                      * WINDOWS CALL ERROR
     AND $$CRES = 183                   * FILE/FOLDER ALREADY EXISTS
     * directory already exists
     ELSE                               * SOME OTHER ERROR
     * process $$CRES further
     END
END
```

4. Examples
[EXAMPLES REQUIRED]

5. Copy-Books
None.

6. See Also
GXMKD$ Create directory on PC running GX.