

GXMPW\$ - Display Media Player Window

The GXMPW\$ routine is used to display a Media Play window within the GX window. The Media Player window can be used to display/play a wide variety of file types (e.g. .BMP, .JPG, .MOV etc.). Unlike IMAGE\$ and IMAG2\$, GXMPW\$ is not restricted to static images.

1. Invocation

To display a Media Player window code:

```
CALL GXMPW$ USING mp
```

where mp is a control block of the following format:

```
01  MP
02  MPVERS      PIC 9(4) COMP      * Control block version
    VALUE      1                  * Must be 1
02  MPFRAME     PIC X(8)           * Frame-id
02  MPWINID     PIC X(4)           * Window-id
02  MPCOL       PIC 9(4) COMP      * Top-left column co-ordinate
02  MPLINE      PIC 9(4) COMP      * Top-left line co-ordinate
02  MPWIDTH     PIC 9(4) COMP      * Window width
02  MPDEPTH    PIC 9(4) COMP      * Window depth
02  MPFLAGS     PIC 9(2) COMP      * Various flags
                                     * 0 = Display Close button only
                                     * 1 = Display Close & Email buttons
02  MPFPTR      PIC PTR            * Pointer to 0-terminated filename
02  MPCAPT      PIC PTR            * Pointer to 0-terminated caption
                                     * text, or HIGH-VALUES for default
```

2. STOP Codes and Exception Conditions

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

STOP code	Description
14314	GXMPW\$ has been called by an application that is not running on GX.
14315	The total length of the GX command block has exceeded an internal limit.
14316	An attempt has been made to call GXMPW\$ on an incompatible version of GX. The version of GX must be V4.7n, or later.
14317	Invalid control block version number (MPVERS must be 1)

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

EXIT code	\$\$COND	Description
14312	12	Insufficient memory to complete the operation

14313	13	Internal error.
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3. Programming Notes

GXMPW\$ is only available when running on GX. Any attempt to use GXMPW\$ on a non-GX terminal will result in a STOP code. The version of GX must be V4.7n, or later. The version of GSM must be GSM SP-35, or later.

GXMPW\$ has been tested with the following file types: .BMP, .JPG, .MOV. Note that video playback is dependent on having the correct codec installed to interpret the file contents.

By default, the Media Player Window will contain a single "Close" button. For GX V4.7q, and later, if the MPFLAGS variable is set to 1, the window will include an "Email" button in addition to the "Close" button. If the user clicks on the "Email" button, GX will automatically create an email with the Image File as an attachment. The user will be expected to supply the recipient email address, subject and any text.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

IMAGE\$ Display .BMP image file using gsmbmp32.exe
 IMAG2\$ Display .JPG image file using gsmjpg32.exe