

# GXBRW\$ - File/Directory browse Dialogue Box on GX

The GXBRW\$ routine can be used to display a standard File or Directory browse Dialogue Box on the PC that is running the current GX session. The file or directory path selected by the operator is returned to the application.

## 1. Invocation

To display a file or directory Dialogue Box on the PC that is running GX code:

```
CALL GXBRW$ USING br brpath
```

where *br* is a control block of the following format:

01	BR			
02	BRTYPE	PIC 9(2)	COMP	* 0 = File browse with 'open' dialogue box * 1 = File browse with 'save as' dialogue box * 2 = Directory only browse * 3 = Same as 0, except BRDFIL is valid * 4 = Same as 1, except BRDFIL is valid * 5 = Same as 0, except BRDFIL and BRCAPT are valid * 6 = Same as 1, except BRDFIL and BRCAPT are valid
02	BRDPTR	PIC PTR		* Pointer to a #00 terminated string containing the default directory, or set pointer to HIGH-VALUES if none
02	BRFILT	PIC PTR		* Pointer to a #00 terminated string containing the file filter text (e.g. text files (*.txt)), or set pointer to HIGH-VALUES if none
02	BRTXTP	PIC PTR		* Pointer to a #00 terminated string containing the title for a directory browse, or set pointer to HIGH-VALUES if none
02	BRDFIL	PIC PTR		* Pointer to a #00 terminated string containing the default file (if BRTYPE contains 3,4,5 or 6); or set pointer to HIGH-VALUES if none
02	BRCAPT	PIC PTR		* Pointer to a #00 terminated string containing the optional window caption (if BRTYPE contains 5 or 6); or set pointer to HIGH-VALUES if none

and *brpath* is a PIC X(256) field into which the full pathname selected by the operator is returned. If no path name is selected then this field will be set to spaces.

## 2. STOP Codes and Exception Conditions

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

<b>STOP code</b>	<b>Description</b>
24908	GXBRW\$ has been called by an application that is not running on GX.

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

<b>EXIT code</b>	<b>\$\$COND</b>	<b>Description</b>
24907	7	There is insufficient memory to establish the file browse operation.
24908	8	The "Cancel" button in the File Browse dialogue box was selected.
24909	9	The default directory, in BRDPTR, does not exist.

### 3. Programming Notes

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

The style of the Dialogue Box is determined by BRTYPE.

For both the "Open File" dialogue box (BRTYPE = 0) and the "Save As" dialogue box (BRTYPE = 1) the file filter text **must** be of the form:

```
description (*.xxx)
```

For example:

```
Text files (*.txt)
All files (*.*)
```

For the directory browse (BRTYPE = 2) the default directory will be the root directory of the Dialogue Box. The user will be restricted to selecting folders in this directory or any of its sub-directories (i.e. the user will not be allowed to explore any directories higher up the hierarchy). A NULL default directory will result in the display of the highest directory level.

BRTYPE = 3 and 4, and the BRDFIL field, are only supported by GSM SP-12, or later; and GX V3.2g, or later.

BRTYPE = 5 and 6, and the BRCAPT field, are only supported by GSM SP-25, or later; and GX V4.4b, or later.

**Important Note:** To disable an option, the appropriate pointer should be set to HIGH-VALUES (e.g. "MOVE HIGH-VALUES to BRDFIL"). Do not attempt to point a PIC PTR field to a string of HIGH-VALUES otherwise the results will be unpredictable.

The EXIT 24909 is only supported by GSM SP-29, or later; and GX V4.5b, or later; and when BRTYPE is 3, or higher.

## 4. Examples

[EXAMPLE REQUIRED]

## **5. Copy-Books**

None.

## **6. See Also**

None.