

ACMBO\$ - Add String to GX Combo Box

The ACMBO\$ routine is used to add a new string to a GX Combo Box.

1. Invocation

To add a string to a GX Combo Box code:

```
CALL ACMBO$ USING index string1 [string2]
```

where *index* is the GX Combo Box index number (see below). The obligatory *string1* is a LOW-VALUE terminated text string that is displayed as an element in the Combo Box. The optional *string2* is also a LOW-VALUE terminated "response string" that is returned if the element is selected from the Combo Box.

2. STOP Codes and Exception Conditions

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

STOP code	Description
23940	ACMBO\$ has been called by an application that is not running on GX.
23941	The total length of the GX command block has exceeded an internal limit.
23942	An attempt has been made to call ACMBO\$ on an incompatible version of GX. The version of GX must be V2.8I, or later
23943	There is no current window; or the GX Combo Box Index was not found

The following EXIT codes may be returned by ACMBO\$.

EXIT code	\$\$COND	Description
23925	25	Unable to allocate memory for temporary work buffer

3. Programming Notes

ACMBO\$ is only available when running on GX. Any attempt to use ACMBO\$ on a non-GX terminal will result in a STOP code. The version of GX must be V2.8i or later. The version of GSM must be GSM SP-9, or later.

Two types of Combo Boxes are available.

A Fixed List GX Combo Box is defined as a data field that is over-layed with a button containing the following text:

"~C*ndd*"

where:

C Fixed List GX Combo Box indicator
n GX Combo Box index number (1 - 9; A - Z)
dd Depth of the list box in lines (a leading 0 is required if less than 10)

An Editable GX Combo Box is defined as a data field that is over-layed with a button containing the following text:

"~D*ndd*"

where:

D GX Editable Combo Box indicator
n GX Combo Box index number (1 - 9; A - Z)
dd Depth of the list box in lines (a leading 0 is required if less than 10)

When either of these combinations of button and data field definitions are detected by GX, the normal button and edit control displays are suppressed and a combo box is created instead. The creation of a Drop Down List Combo Box means that only information in the list can be selected (i.e. the combo box doesn't act as a normal field where free-format text can be supplied). The list is normally created in the B- routine for the data-field, by calling ACMBO\$ repeatedly to build the list, and in the R-FUNC routine when the GX Combo Box button is selected.

The optional 3rd parameter "response string" is only supported by GSM SP-17, and later. If the "response string" (3rd parameter) is not supplied the displayed text string (2nd parameter) will be returned as the response. Note that the "response string" is a LOW-VA:LUE terminated string rather than a single character. For example, the following is wrong:

```
CALL ACMBO$ USING 1 X-ELEMENT "A"
```

The following is correct:

```
CALL ACMBO$ USING 1 X-ELEMENT #4100
```

Any combination of 2 parameter ACMBO\$ calls and 3 parameter ACMBO\$ calls can be made for the same Combo Box.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

CCMBO\$ Clear GX Combo Box
DCMBO\$ Display GX Combo Box