

## GXSEA\$ - Set Extended GX Field Attribute

The GXSEA\$ routine can be used to "tag" any one of the 64 Extended GX Field Attributes to a Speedbase field prior to the display of that field using the SHOW verb.

### 1. Invocation

To set a field to an Extended GX Field Attribute code:

```
CALL GXSEA$ USING window field_name [attribute][sa]
```

where *window* is the Window Definition of the target window; *field\_name* is a PIC X(6) field name; *attribute* is an optional PIC 9(4) COMP field, or literal, that specifies the attribute code.

The optional *attribute* must be between 1 and 64 to **set** an Extended GX Field Attribute; or 0 to **revert** to the Standard Field Attribute that was established by a standard language verb (e.g. SHOW).

If the *attribute* parameter is absent the field will revert to the Standard Field Attribute, so that

```
CALL GXSEA$ USING window field_name
```

is equivalent to:

```
CALL GXSEA$ USING window field_name 0
```

The optional *sa* block is only supported in GSM SP-24, or later. The *sa* block can only be present when the *attribute* is present. It is defined as follows:

```
01 SA
02 SAVERS PIC 9(4) COMP * Block version must be 1
02 SATEXT PIC 9 COMP * 1 = Use only the text colour for
* scroll region
* 0 = Use both the text and paper
* colours
```

### 2. STOP Codes and Exception Conditions

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

STOP code	Description
15201	GXSEA\$ has been called by an application that is not running on GX.
15202	The Extended GX Field Attribute was outside the range 0 to 64
15203	Reserved for future use.

15204	Field symbols are not available for the window specified
15205	A field name with the specified index is not present in the window
15206	An attempt was made to call GXSEA\$ on an incompatible version of GX. The version of GX must be V2.6, or later.
15207	The specified window is not currently displayed
15208	The field number is not registered with GX
15260	The sa block version is not supported.

No exception conditions are returned by GXSEA\$.

### 3. Programming Notes

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

The 64 Extended GX Field Attributes are normally established using the "Extended Attributes" option from the GX "Settings" menu entry.

Unless GXSEA\$ is used in the B- routine of the target field, the new field attribute is only displayed if the SHOW verb is used to refresh the target field.

If GXSEA\$ is used in the B- routine of the target field there is no need for the SHOW verb. Under these conditions (i.e. if the attribute change is being attempted in the B- routine of the target field) it is may be more convenient to use the considerably simpler GXSSA\$ routine.

The 4 parameter call, passing the sa block, is only supported by GSM SP-24, and later; and GX V4.3c, or later.

### 4. Examples

[EXAMPLES REQUIRED]

### 5. Copy-Books

None.

### 6. See Also

GXSSA\$     Set Extended GX Field Attribute for next field  
EAGCA\$     Get GX Colour Attribute(s)  
EASCA\$     Set GX Colour Attribute(s)

EARCA\$    Reset GX Colour Attributes