

GRXAX\$ - Set GRAPH\$ X-axis Label

The GRXAX\$ routine is used within a GRAPH\$ Call-Back routine to set an X-axis label.

1. Invocation

To set an X-axis label code:

```
CALL GRXAX$ USING xa
```

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

```
01  XA
02  XAINX          PIC 9(2) COMP      * X-item index (between 1 and N)
02  XATXT          PIC PTR           * Pointer to a NULL terminated text string
                                       * containing the label text for the item
```

2. STOP Codes and Exception Conditions

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

STOP code	Description
14407	The X-axis index is not positive
14408	The X-axis index has not increased by 1 from the last call of GRXAX\$

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

EXIT code	\$\$COND	Description
14402	2	The total length of the GX command block has exceeded 8192.

3. Programming Notes

GRXAX\$ is only useful when running on GX and when used in conjunction with GRAPH\$ etc. Furthermore, GRXAX\$ should only be used within a GRAPH\$ Call-Back routine (i.e. after GRAPH\$) has been used to define the graph.

Normally, GRXAX\$ will be called repeatedly within a program loop. The first call of GRXAX\$ should set XAINX to 1 to define the first X-axis item. This field should be increased sequentially for further calls as each new X-axis item is defined.

4. Examples

None.

5. Copy-Books

None.

6. See Also

GRINI\$	Initialise GRAPH\$ GR Block With Default Settings
GRAPH\$	Main graph build routine
GRZAX\$	Define Z-axis graph details
GRPLT\$	Plot data item on graph