GXRST$ - Reset Customisations on GX

The GXRST$ routine is used to reset the GX customisations, or set new customisations, on the next window that is DISPLAY'ed or ENTER'ed.

1.   Invocation

To reset, or set, the customisations on the next window code:

```
CALL GXRST$ USING [rt]
```

where *rt* is an optional control block of the following format:

```
01    RT
  02  RTVERS     PIC 9(2) COMP      * Version number of RT block
                 VALUE 1            * must be set to 1
  02  RTRFLG                        * Reset flags
   03 RTRPOS     PIC 9 COMP         * 0 = Don't reset position
                                    * 1 = Reset position
   03 RTRLAB     PIC 9 COMP         * 0 = Don't reset label font
                                    * 1 = Reset label font
   03 RTRDTA     PIC 9 COMP         * 0 = Don't reset data font
                                    * 1 = Reset data font
   03 RTRBTN     PIC 9 COMP         * 0 = Don't reset button font
                                    * 1 = Reset button font
   03 RTRDFL     PIC 9 COMP         * 0 = Don't reset small field length
                                    * 1 = Reset small field length
   03 RTRRJF     PIC 9 COMP         * 0 = Don't reset RJF small field length
                                    * 1 = Reset RJF small field length
  02  RTLAB                         * Label font definition
   03 RTLFLN     PIC 9(4) COMP      * -1 = No label font defined
                                    * 0  = #00 terminated label font string
                                    * N  = size of label font string
   03 RTLFPT     PIC PTR            * Pointer to label font string
   03 RTLFSZ     PIC 9(2) COMP      * Point size
   03 RTLFWT     PIC 9(4) COMP      * Label font weight
                                    * 400 = Normal
                                    * 700 = Bold
   03 RTLFIT     PIC 9(2) COMP      * Italics flag
                                    * 0 = on
                                    * 1 = off
  02  RTDATA                        * Data  font definition
   03 RTDTLN     PIC 9(4) COMP      * -1 = No data  font defined
                                    * 0  = #00 terminated data  font string
                                    * N  = size of data font string
   03 RTDTPT     PIC PTR            * Pointer to data font string
   03 RTDTSZ     PIC 9(2) COMP      * Point size
   03 RTDTWT     PIC 9(4) COMP      * Data  font weight
                                    * 400 = Normal
                                    * 700 = Bold
   03 RTDFIT     PIC 9(2) COMP      * Italics flag
                                    * 0 = on
                                    * 1 = off
  02  RTBTN                         * Button font definition
   03 RTBTLN     PIC 9(4) COMP      * -1 = No button font defined
                                    * 0  = #00 terminated button font string
                                    * N  = size of button font string
   03 RTBTPT     PIC PTR            * Pointer to button font string
   03 RTBTSZ     PIC 9(2) COMP      * Point size
   03 RTBTWT     PIC 9(4) COMP      * Button font weight
                                    * 400 = Normal
                                    * 700 = Bold
   03 RDBTIT     PIC 9(2) COMP      * Italics flag
                                    * 0 = on
                                    * 1 = off
  02  RTSMFL                        * Small field lengths
   03 RTSMST     PIC 9(2) COMP      * 0 = No change
                                    * 1 = Change small field length
```

```
03 RTSMLN      PIC 9(2) COMP    * Small field length
03 RTSMRJ      PIC 9(2) COMP    *  Right  justified  small  field  length
```

To reset the customisations on the next window simply code:

```
CALL GXRST$
```

2.   STOP Codes and Exception Conditions

The following STOP codes may be generated by GXRST$:

STOP code	Description
15224	GXRST$ has been called by an application that is not running on GX.
15225	Unknown version of RT control block (i.e. RTVERS does not contain 1)
15226	GX command block is too long
15227	An attempt was made to call GXRST$ on an incompatible version of GX. The version of GX must be V2.6, or later.

The following exception conditions may be returned by GXRST$:

EXIT code	$$COND	Description
15203	3	Unable to allocate temporary work page

3.   Programming Notes

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

A call of GXRST$ to **set** a parameter will take priority over a call to **reset** a given parameter so that, for example,

RTRLAB	RTLAB	Effect
0	-1	Label font unaltered
1	-1	Label font reset
0	0 or N	Label font set explicitly
1	0 or N	Label font set explicitly (i.e. RTRLAB ignored)

If the RTSMST field is nonzero then **both** RTSMLN and RTSMRJ must be defined explicitly.

JHC: All of the length fields: RTLFLN, RTDTLN, RTBTLN must be set up, whether or not the respective reset flags have been set or not. All the unused ones must be set to -1.

4.   Examples
[EXAMPLE REQUIRED]

5.   Copy-Books
None.

6.   See Also
None.