

origin

keys:	[]	<number>	source picture
	position	<x>, <y>, <z>	position of new origin relative to current origin or to the position indicated by subregion options
options:	left/right,	bottom/top,	move origin to specified edge
	near/far		
	reset		move origin to default position

Use **origin** to move the coordinate origin of a picture.

Examples

```
origin top left
```

This command moves the origin of the current picture to the top left.

```
display 51; xwires; origin 51 @xy
```

This command moves an origin for picture 51 to a position specified using the cursor.

```
origin 4:23 reset
```

This command resets the origin of picture 4023 to its default position. The default origin of a picture depends on the *class* of a picture.

Description

Use the standard 3-D subregion keys and options to specify the origin position, assuming a **size** of 1. Refer to *Appendix C: Semper Keys and Options* for further detail.

The default position of the origin is at the centre of a picture, for most classes of picture. For pictures of class *Histogram*, *Plist* and *Lut* the default position is at the top left of the first (back) layer. Note that halfplane Fourier class pictures have their origin at centre-left, so you should use the command **origin left** to restore the default position for the origin, rather than **origin reset**, which would be suitable for fullplane Fourier pictures. For further detail of picture coordinates and picture origins refer to the *System Users' Guide* in the *Semper 6 Guide*.

The command **examine full** lists the **row**, **column** and **layer** position of the coordinate origin of a picture.

origin

Notes

see also: **examine full**

Defaults and Ranges

keys/options	defaults	range
[]	current picture, held in the variable <i>select</i>	valid picture number
position	position 0, 0, 0	within bounds of picture (integers)