



AHELP for CIAO 3.4

ds9_get_array

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Synopsis

Retrieve displayed image

Syntax

```
Array_Type ds9_get_array()  
Array_Type ds9_get_array( handle )
```

Description

Returns the image being displayed in the current DS9 frame, as a 2D S-Lang array of pixel values. The array will be of dimension

```
[Y=NAXIS2, X=NAXIS1]
```

and type reflecting the BITPIX value of the image.

NOTES

By default DS9 returns pixel arrays in FITS (big-endian) format. This routine will transparently byteswap its return value, when necessary, to match the calling platform.

See Also

ds9

[ds9 center](#), [ds9 clear](#), [ds9 get cmap](#), [ds9 get coords](#), [ds9 get crosshair](#), [ds9 get file](#), [ds9 get regions](#), [ds9 get scale](#), [ds9 get zoom](#), [ds9 launch](#), [ds9 pan](#), [ds9 put array](#), [ds9 put crosshair](#), [ds9 put file](#), [ds9 put regions](#), [ds9 put wcs](#), [ds9 put wcs keys](#), [ds9 put wcs struct](#), [ds9 quit](#), [ds9 set cmap](#), [ds9 set scale](#), [ds9 set zoom](#), [ds9 view](#)

modules

[ds9](#)

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