



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](#)

Ahelp: ds9_get_array – CIAO 3.4

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URL:
http://cxc.harvard.edu/ciao3.4/slds9_get_array.html
Last modified: December 2006