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 AHELP for CIAO 3.4

## ds9\_get\_regions

Context: [ds9](#)

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### Synopsis

Retrieve descriptions of regions applied to a displayed image

### Syntax

```
String_Type[] ds9_get_regions()
String_Type[] ds9_get_regions( [ file_name, handle ] )
```

### Description

Returns a, possibly empty, string array describing the regions that have been applied to the current image frame. Results will be given in the current region file format and coordinate system. The latter defaults to the internal DS9 format, and both may be changed within the Region menu of the GUI.

A string passed as the first argument will be interpreted as the name of a file to which the region descriptions should be written, and will be echoed back to the caller as the only element within the results array.

### NOTES

Some region formats will prepend one or more comment lines (beginning with a '#') prior to the actual regions, unless the "strip" option has been selected within the GUI.

### See Also

*ds9*

[ds9 center](#), [ds9 clear](#), [ds9 get array](#), [ds9 get cmap](#), [ds9 get coords](#), [ds9 get crosshair](#), [ds9 get file](#), [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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URL:  
[http://cxc.harvard.edu/ciao3.4/slds9\\_get\\_regions.html](http://cxc.harvard.edu/ciao3.4/slds9_get_regions.html)  
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