



AHELP for CIAO 3.4

## ds9\_get\_coords

Context: [ds9](#)*Jump to:* [Description](#) [See Also](#)

## Synopsis

Retrieve position of next mouseclick within any frame

## Syntax

```
(x, y) = ds9_get_coords()
(x, y) = ds9_get_coords( [ coord_sys, handle ] )
```

## Description

Changes cursor to an annulus and pauses DS9 until the next mouseclick within any frame, after which the mouse coordinates are returned. By default these values will be of Double\_Type in the physical coordinate system, or (-1,-1) on error. Image pixel and WCS coordinate values may be obtained by passing in a coord\_sys of "image" or "wcs" respectively (the default is "physical"). Note that the return values may be of String\_Type if coord\_sys contains additional qualifiers, such as "wcs fk5 sexagesimal".

## See Also

*ds9*

[ds9\\_center](#), [ds9\\_clear](#), [ds9\\_get\\_array](#), [ds9\\_get\\_cmap](#), [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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URL:  
[http://cxc.harvard.edu/ciao3.4/slds9\\_get\\_coords.html](http://cxc.harvard.edu/ciao3.4/slds9_get_coords.html)

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