



AHELP for CIAO 3.4

sign

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Synopsis

Compute the sign of a number

Syntax

```
y = sign(x)
```

Description

The sign function returns the sign of an arithmetic type. If its argument is a complex number (Complex_Type), it returns the sign of the imaginary part of the number. If the argument is an array, a new array will be created whose elements are obtained from the original array by using the sign function.

When applied to a real number or an integer, the sign function returns -1 , 0 , or $+1$ according to whether the number is less than zero, equal to zero, or greater than zero, respectively.

See Also

slangrtl[abs](#), [conj](#), [imag](#), [mul2](#), [real](#), [sqr](#)

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URL:
<http://cxc.harvard.edu/ciao3.4/sign.tm.html>
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