

*AHELP for CIAO 3.4*

cumsum

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Synopsis

Compute the cumulative sum of an array

Syntax

```
result = cumsum (Array_Type a [, Int_Type dim])
```

Description

The cumsum function performs a cumulative sum over the elements of a numeric array and returns the resulting. If a second argument is given, then it specifies the dimension of the array to be summed over. For example, the cumulative sum of [1,2,3,4], is the array [1,1+2,1+2+3,1+2+3+4], i.e., [1,3,6,10].

CHANGES IN CIAO 3.1

The cumsum function is now available to S–Lang code evaluated by ChIPS and Sherpa. Prior to CIAO 3.1 it was only available to code evaluated by slsh.

See Also

slangrtl[max](#), [min](#), [sum](#), [transpose](#)

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URL:

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

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