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

AHELP for CIAO 3.4

cumsum

Context: slangrtl

Jump to: Description CHANGES IN CIAO 3.1 See Also

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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