URL: http://cxc.harvard.edu/ciao3.4/max.tm.html
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AHELP for CIAO 3.4

max

Context: slangrtl

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Synopsis

Get the maximum value of an array

Syntax

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

Description

The max function examines the elements of a numeric array and returns the value of the largest element. If a second argument is given, then it specifies the dimension of the array to be searched. In this case, an array of dimension one less than that of the input array will be returned with the corresponding elements in the specified dimension replaced by the minimum value in that dimension.

Example

Consider the 2−d array

```
     1       2       3       4       5
     6       7       8       9       10
```

generated by

```
     a = _reshape ([1:10], [2, 5]);
```

Then max(a) will return 10, and max(a,0) will return a 1−d array with elements

```
     6       7       8       9       10
```

See Also

slangrtl

_reshape, array_info, cumsum, min, reshape, sum, transpose

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