



AHELP for CIAO 3.4

## reverse

Context: [varmm](#)

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## Synopsis

S-Lang function to reverse a 1D array

## Syntax

```
Array_Type = reverse( Array_Type a )
```

## Description

This function returns a copy of the input array, where the elements are now in reverse order. The input array must be one dimensional.

This function was taken from the ISIS (the Interactive Spectral Interpretation System) distribution developed at the MIT Center for Space Research: more information on ISIS is available at <http://space.mit.edu/CXC/ISIS/>.

## Example

```
chips> x = [20:24]
chips> y = reverse(x)
chips> writeascii( stdout, x, y )
20      24
21      23
22      22
23      21
24      20
```

## Bugs

See the [bugs page for the Varmm library](#) on the CIAO website for an up-to-date listing of known bugs.

## See Also

*modules*

[varmm](#)

*varmm*

[apropos](#), [clearstack](#), [dup\\_struct](#), [is\\_struct\\_defined](#), [print](#)

reverse

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