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*AHELP for CIAO 3.4*

## stk\_disp

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## Synopsis

Display the contents of a stack.

## Syntax

```
stk_disp( Stack_Type stack )
```

## Description

This is a utility routine that displays the contents of the stack – including their current position – to the screen (i.e. stdout).

## Example

```
chips> stk = stk_build( "@stack.lis" )
chips> stk_disp( stk )
-----
Stack position: 0
Stack size: 3
Stack allocated: 100
Stack entries:
1 :a.dat:
2 :b.dat:
3 :c.dat:
-----
chips> stk_read_next( stk )
a.dat
chips> stk_disp( stk )
-----
Stack position: 1
Stack size: 3
Stack allocated: 100
Stack entries:
1 :a.dat:
2 :b.dat:
3 :c.dat:
-----
```

In this example we used `stk_disp()` to display the stack after it has been created – so its position is 0 – and after calling `stk_read_next()` – when the position had been increased by 1.

## Bugs

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

## See Also

*modules*

[stackio](#)

*stackio*

[stk\\_append](#), [stk\\_build](#), [stk\\_change\\_current](#), [stk\\_change\\_num](#), [stk\\_close](#), [stk\\_count](#), [stk\\_current](#),  
[stk\\_delete\\_current](#), [stk\\_delete\\_num](#), [stk\\_expand\\_n](#), [stk\\_read\\_next](#), [stk\\_read\\_num](#), [stk\\_rewind](#),  
[stk\\_set\\_current](#)

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URL:  
[http://cxc.harvard.edu/ciao3.4/stackio\\_stk\\_disp.html](http://cxc.harvard.edu/ciao3.4/stackio_stk_disp.html)  
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