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 AHELP for CIAO 3.4

## stk\_current

Context: [stackio](#)

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### Synopsis

Returns the current position of the stack.

### Syntax

```
Integer_Type stk_current( Stack_Type stack )
```

### Description

This routine returns the current position within a stack. This position determines the element returned by calls to `stk_read_next()`.

When a stack is created, the current position is set to 0 and it is increased by 1 each time `stk_read_next()` is called. The position can also be changed by the `stk_set_current()` and `stk_rewind()` functions.

### Example

```
if ( stk_current(stk) == stk_count(stk) ) stk_rewind(stk);
```

This code will reset the stack to its start position, by calling `stk_rewind()`, if it has reached the end of the stack.

### 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*

## Ahelp: stk\_current – CIAO 3.4

stk\_append, stk\_build, stk\_change\_current, stk\_change\_num, stk\_close, stk\_count, stk\_delete\_current,  
stk\_delete\_num, stk\_disp, 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\\_current.html](http://cxc.harvard.edu/ciao3.4/stackio_stk_current.html)  
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