



AHELP for CIAO 3.4

stk_delete_num

Context: [stackio](#)

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Synopsis

Deletes the specified element from the stack.

Syntax

```
Integer_Type stk_delete_num( Stack_Type stack, Integer_Type N )
```

Description

The `stk_delete_num()` routine deletes the given item in the stack. If the element index (N) is not valid then nothing is done, otherwise the element is deleted and the remaining items are shifted back. If successful, this routine returns 0, and non-zero indicates failure.

Example

```
chips> stk_disp( stk )
-----
Stack position: 3
Stack size: 3
Stack allocated: 100
Stack entries:
1 :a.dat:
2 :b.dat:
3 :c.dat:
-----
chips> () = stk_delete_num( stk, 2 )
chips> stk_disp( stk )
-----
Stack position: 2
Stack size: 2
Stack allocated: 100
Stack entries:
1 :a.dat:
2 :c.dat:
-----
```

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_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_delete_num.html
Last modified: December 2006