



AHELP for CIAO 3.4

# unpack

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## Synopsis

Unpack Objects from a Binary String

## Syntax

```
(...) = unpack (String_Type fmt, BString_Type s)
```

## Description

The unpack function unpacks objects from a binary string *s* according to the format *fmt* and returns the objects to the stack in the order in which they were unpacked. See the documentation of the pack function for details about the format string.

## Example

```
(x,y) = unpack ("cc", "AB");           % ==> x = 'A', y = 'B'
x = unpack ("c2", "AB");                % ==> x = ['A', 'B']
x = unpack ("x<H", "\0\xAB\xCD");       % ==> x = 0xCDABuh
x = unpack ("xxs4", "a b c\0d e f");    % ==> x = "b c\0"
x = unpack ("xxS4", "a b c\0d e f");    % ==> x = "b c"
```

## See Also

[slangrtl](#)
[fread](#), [fwrite](#), [pack](#), [pad](#), [pack format](#), [sizeof](#), [pack](#), [sscanf](#), [uname](#)

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