*AHELP for CIAO 3.4*  **strchop**  Context: slangrtl

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# Synopsis

Chop or split a string into substrings.

# Syntax

```
String_Type[] strchop (String_Type str, Integer_Type delim,
Integer_Type quote)
```

# Description

The strchop function may be used to split−up a string str that consists of substrings delimited by the character specified by delim. If the integer quote is non−zero, it will be taken as a quote character for the delimiter. The function returns the substrings as an array.

# Example

The following function illustrates how to sort a comma separated list of strings:

```
define sort_string_list (a)
{
   variable i, b, c;
   b = strchop (a, ',', 0);

   i = array_sort (b, &strcmp);
   b = b[i];   % rearrange

   % Convert array back into comma separated form
   return strjoin (b, ",");
}
```

The semantics of this strchop and strchopr have been changed since version 1.2.x of the interpreter. Old versions of these functions returned the values on the stack, which meant that one could not chop up arbitrarily long strings that consist of many substrings.

The function strchopr should be used if it is desired to have the string chopped−up in the reverse order.

# See Also

*slangrtl*

create_delimited_string, extract_element, is_list_element, strchopr, strjoin, strtok

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