



AHELP for CIAO 3.4

atof

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Synopsis

Convert a string to a double precision number

Syntax

```
Double_Type atof (String_Type s)
```

Description

This function converts a string *s* to a double precision value and returns the result. It performs no error checking on the format of the string. The function `_slang_guess_type` may be used to check the syntax of the string.

Example

```
define error_checked_atof (s)
{
  switch (_slang_guess_type (s))
  {
    case Double_Type:
      return atof (s);
  }
  {
    case Integer_Type:
      return double (integer (s));
  }
  perror ("%s is not a double", s);
}
```

See Also

slangrtl

[_slang_guess_type](#), [typeof](#), [double](#), [int](#), [integer](#), [set float format](#), [sscanf](#), [string](#), [typecast](#), [typeof](#)

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