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 AHELP for CIAO 3.4

# typecast

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## Synopsis

Convert an object from one data type to another.

## Syntax

```
typecast (x, new_type)
```

## Description

The typecast function performs a generic typecast operation on x to convert it to new\_type. If x represents an array, the function will attempt to convert all elements of x to new\_type. Not all objects can be converted and a type-mismatch error will result upon failure.

## Example

```
define to_complex (x)
{
  return typecast (x, Complex_Type);
}
```

defines a function that converts its argument, x to a complex number.

## See Also

*slangrtl*

[class id](#), [class type](#), [eqs](#), [get reference](#), [is initialized](#), [pop args](#), [push args](#), [nargs](#), [slang guess type](#), [typeof](#), [array info](#), [atof](#), [double](#), [dup](#), [int](#), [integer](#), [is defined](#), [is struct type](#), [isdigit](#), [length](#), [set float format](#), [sscanf](#), [string](#), [tolower](#), [toupper](#), [typeof](#)

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