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 AHELP for CIAO 3.4

## is\_defined

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### Synopsis

Indicate whether a variable or function defined.

### Syntax

```
Integer_Type is_defined (String_Type obj)
```

### Description

This function is used to determine whether or not a function or variable whose name is `obj` has been defined. If `obj` is not defined, the function returns 0. Otherwise, it returns a non-zero value that depends on the type of object `obj` represents. Specifically, it returns one of the following values:

```
+1 if an intrinsic function
+2 if user defined function
-1 if intrinsic variable
-2 if user defined variable
 0 if undefined
```

### Example

For example, consider the function:

```
define runhooks (hook)
{
  if (2 == is_defined(hook)) eval(hook);
}
```

This function could be called from another S-Lang function to allow customization of that function, e.g., if the function represents a mode, the hook could be called to setup keybindings for the mode.

### See Also

*slangrtl*

## Ahelp: is\_defined – CIAO 3.4

class id, class type, eqs, get defined symbols, get reference, is initialized, pop args,  
push args, uninitialize, apropos, function name, nargs, typeof, array info, autoload, dup, eval,  
evalfile, getenv, is struct type, length, make printable string, set slang load path, typecast, typeof

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[http://cxc.harvard.edu/ciao3.4/is\\_defined.tm.html](http://cxc.harvard.edu/ciao3.4/is_defined.tm.html)  
Last modified: December 2006