



AHELP for CIAO 3.4

___is_initialized

Context: [slangrtl](#)

Jump to: [Description](#) [Example](#) [See Also](#)

Synopsis

Determine whether or not a variable has a value

Syntax

```
Integer_Type ___is_initialized (Ref_Type r)
```

Description

This function returns non-zero if the object referenced by *r* is initialized, i.e., whether it has a value. It returns 0 if the referenced object has not been initialized.

Example

For example, the function:

```
define zero ()
{
    variable f;
    return ___is_initialized (&f);
}
```

will always return zero, but

```
define one ()
{
    variable f = 0;
    return ___is_initialized (&f);
}
```

will return one.

It is easy to see why a reference to the variable must be passed to `___is_initialized` and not the variable itself; otherwise, the value of the variable would be passed and the variable may have no value if it was not initialized.

See Also

slangrtl

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

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.
60 Garden Street, Cambridge, MA 02138 USA.
Smithsonian Institution, Copyright © 1998–2006. All rights reserved.

URL:
http://cxc.harvard.edu/ciao3.4/___is_initialized.tm.html
Last modified: December 2006