



 AHELP for CIAO 3.4

_apropos

Context: [slangrtl](#)

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

Synopsis

Generate a list of functions and variables

Syntax

```
Array_Type _apropos (String_Type ns, String_Type s, Integer_Type flags)
```

Description

The `_apropos` function may be used to get a list of all defined objects in the namespace `ns` whose name matches the regular expression `s` and whose type matches those specified by flags. It returns an array of strings representing the matches.

The second parameter `flags` is a bit mapped value whose bits are defined according to the following table

1	Intrinsic Function
2	User-defined Function
4	Intrinsic Variable
8	User-defined Variable

Example

```
define apropos (s)
{
  variable n, name, a;
  a = _apropos ("Global", s, 0xF);

  vmessage ("Found %d matches:", length (a));
  foreach (a)
  {
    name = ();
    message (name);
  }
}
```

prints a list of all matches.

If the namespace specifier `ns` is the empty string "", then the namespace will default to the static namespace of the current compilation unit.

See Also

slangrtl

[__get_defined_symbols](#), [__get_reference](#), [__is_initialized](#), [function name](#), [get namespaces](#), [eval](#), [getenv](#), [integer](#), [is_defined](#), [message](#), [pack](#), [putenv](#), [set_float_format](#), [sprintf](#), [sscanf](#), [strcat](#), [string](#), [verror](#), [vmmessage](#)

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/apropos.tm.html>
Last modified: December 2006