Chandra X-ray Center

AHELP for CIAO 3.4   # assoc_get_values   Context: slangrtl

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Synopsis

Return all the values of an Associative Array

Syntax

```
Array_Type assoc_get_keys (Assoc_Type a)
```

Description

This function returns all the values in the associative array a as an array of proper type. If the associative array contains no keys, an empty array will be returned.

Example

Suppose that a is an associative array of type Integer_Type, i.e., it was created via

```
variable a = Assoc_Type[Integer_Type];
```

The the following may be used to print the values of the array in ascending order:

```
static define int_sort_fun (x, y)
{
   return sign (x – y);
}
define sort_and_print_values (a)
{
   variable i, v;

   v = assoc_get_values (a);
   i = array_sort (v, &int_sort_fun);
   v = v[i];
   foreach (v)
     {
        variable vi = ();
        () = fprintf (stdout, "%d\n", vi);
     }
}
```

See Also

slangrtl

array_sort, assoc_delete_key, assoc_get_keys, assoc_key_exists

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