

H5G_GET_OBJTYPE_BY_IDX

[Expand all](#) [Collapse all](#)

- [Jump to ...](#)
- [Summary](#)
- [Description](#)
- [Example](#)
- [Switch language ...](#)
- [C](#)
- [C++](#)
- [FORTRAN](#)
- [JAVA](#)

[Summary](#)
[Description](#)
[Example](#)
[JAVA](#)
[FORTRAN](#)
[C++](#)
[C](#)

H5G_GET_OBJTYPE_BY_IDX

Returns the type of an object specified by an index

This function is deprecated in favor of the function [H5O_GET_INFO](#).

Procedure:

H5G_GET_OBJTYPE_BY_IDX(loc_id, idx)

Signature:

```
int H5Gget_objtype_by_idx( hid_t loc_id, hsize_t idx )
```

Parameters:

<i>hid_t</i> loc_id	IN: Group or file identifier
<i>hsize_t</i> idx	IN: Transient index identifying object

Description:

H5G_GET_OBJTYPE_BY_IDX returns the type of the object specified by the index `idx` in the group `loc_id`.

The group is specified by a group identifier `loc_id`. If preferred, a file identifier may be passed in `loc_id`; that file's root group will be assumed.

`idx` is the transient index used to iterate through the objects in the group. This parameter is described in more detail in the discussion of `H5G_GET_OBJNAME_BY_IDX`.

The object type is returned as the function return value:

	H5G_GROUP	0	Object is a group
	H5G_DATASET	1	Object is a dataset
	H5G_TYPE	2	Object is a named datatype
	H5G_LINK	3	Object is a symbolic link
	H5G_UDLINK	4	Object is a user-defined link

Returns:

Returns the type of the object if successful. Otherwise returns a negative value.

Example:

Coming soon!

History:

Release	Change
1.6.0	Function introduced in this release.
1.6.0	The function return type changed from <i>int</i> to the enumerated type <i>H5G_obj_t</i> .
1.8.0	Function deprecated in this release.