

H5R_GET_ATTR_NAME

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

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

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

H5R_GET_ATTR_NAME

Retrieves the attribute name for a referenced object

Procedure:

H5R_GET_ATTR_NAME (ref_ptr, name, size)

Signature:

```
ssize_t H5Rget_attr_name ( const H5R_ref_t *ref_ptr, char *name, size_t size )
```

Parameters:

<i>const H5R_ref_t</i> *ref_ptr	IN: Pointer to reference to query <i>H5R_ref_t</i> is defined in <code>H5Rpublic.h</code> as: <code>typedef unsigned char H5R_ref_t[H5R_REF_BUF_SIZE];</code>
<i>char</i> *name	IN/OUT: A buffer to place the attribute name of the reference
<i>size_t</i> size	IN: The size of the name buffer

Description:

H5R_GET_ATTR_NAME retrieves the attribute name for the attribute reference pointed to by `ref_ptr`. Up to `size` characters of the name are returned in `name`; additional characters, if any, are not returned to the user application. If the length of the name, which determines the required value of `size`, is unknown, a preliminary H5R_GET_ATTR_NAME call can be made. The return value of this call will be the size of the attribute name. That value can then be assigned to `size` for a second H5R_GET_ATTR_NAME call, which will retrieve the actual name.

Returns:

Returns the length of the name if successful. Otherwise returns a negative value.

Example:

None

History:

Release	Change
1.12.0	C function was introduced in this release.

--- Last Modified: November 14, 2019 | 09:36 AM