

H5T_GET_CSET

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

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

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

H5T_GET_CSET

Retrieves the character set type of a string datatype

Procedure:

H5T_GET_CSET(dtype_id)

Signature:

```
H5T_cset_t H5tget_cset( hid_t dtype_id )
```

```
SUBROUTINE h5tget_cset_f(type_id, cset, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: type_id ! Datatype identifier
  INTEGER, INTENT(OUT) :: cset          ! Character set type of a string
                                          ! datatype
                                          ! Possible values are:
                                          !   H5T_CSET_ASCII_F = 0
                                          !   H5T_CSET_UTF8_F = 1
  INTEGER, INTENT(OUT) :: hdferr       ! Error code
END SUBROUTINE h5tget_cset_f
```

Parameters:

<i>hid_t</i> dtype_id	IN: Identifier of datatype to query
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Description:

H5T_GET_CSET retrieves the character set type of a string datatype. Valid character set types are:

H5T_CSET_ASCII	(0)	Character set is US ASCII
H5T_CSET_UTF8	(1)	Character set is UTF-8, enabling Unicode encoding

Returns:

Returns a valid character set type if successful; otherwise H5T_CSET_ERROR (-1).

Example:

Coming Soon!

History:

Release	Change
1.8.0	UTF-8 Unicode encoding introduced in this release.

--- Last Modified: May 16, 2019 | 09:25 AM