* Tags and Extended Tag Labels

# Overview

The tables in this appendix lists all of the NCSA-supported HDF tags and the labels used to identify extended tags.z

## Tags

Table AR lists all the NCSA-supported HDF tags with the following information:

Tag The tag itself

Tag number The regular tag number in decimal (top) and hexadecimal (bottom)

Extended tag number  
The extended tag number used with linked blocks and external data elements in decimal and (hexadecimal)

Full name The tag name, a descriptive English phrase

Section The section of Chapter , “Tag Specifications,” in which the tag is discussed

The tags are listed in alphabetical order. Not all tags have extended tag numbers.

* NCSA-supported HDF Tags

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tag | Number | Extended Number | Full Name | Section |
| DFTAG\_AR | 312 0x0138 |  | Aspect ratio | Raster Image Tags |
| DFTAG\_CAL | 731 0x02DB |  | Calibration information | Scientific Data Set Tags |
| DFTAG\_CCN | 310 0x0136 |  | Color correction | Raster Image Tags |
| DFTAG\_CFM | 311 0x0137 |  | Color format | Raster Image Tags |
| DFTAG\_CI8 | 203 0x00CB |  | Compressed image-8 | Obsolete Tags |
| DFTAG\_DIA | 105 0x0069 |  | Data identifier annotation | Annotation Tags |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tag | Number | Extended Number | Full Name | Section |
| DFTAG\_DIL | 104 0x0068 |  | Data identifier label | Annotation Tags |
| DFTAG\_DRAW | 400 0x0190 |  | Draw | Composite Image Tags |
| DFTAG\_FD | 101 0x0065 |  | File description | Annotation Tags |
| DFTAG\_FID | 100 0x0064 |  | File identifier | Annotation Tags |
| DFTAG\_FV | 732 0x02DC |  | Fill value | Scientific Data Set Tags |
| DFTAG\_GREYJPEG | 14 0x000E |  | 8-bit JPEG compression information | Compression Tags |
| DFTAG\_ID | 300 0x012C |  | Image dimension | Raster Image Tags |
| DFTAG\_ID8 | 200 0x00C8 |  | Image dimension-8 | Obsolete Tags |
| DFTAG\_II8 | 204 0x00CC |  | IMCOMP image-8 | Obsolete Tags |
| DFTAG\_IMC | 12 0x000C |  | IMCOMP compressed data | Compression Tags |
| DFTAG\_IP8 | 201 0x00C9 |  | Image palette-8 | Obsolete Tags |
| DFTAG\_JPEG | 13 0x000D |  | 24-bit JPEG compression information | Compression Tags |
| DFTAG\_LD | 307 0x0133 |  | LUT dimension | Raster Image Tags |
| DFTAG\_LUT | 301 0x012D |  | Lookup table | Raster Image Tags |
| DFTAG\_MA | 309 0x0135 |  | Matte channel | Raster Image Tags |
| DFTAG\_MD | 308 0x0134 |  | Matte channel dimension | Raster Image Tags |
| DFTAG\_MT | 107 0x006B |  | Machine type | Utility Tags |
| DFTAG\_NDG | 720 0x02D0 |  | Numeric data group | Scientific Data Set Tags |
| DFTAG\_NT | 106 0x006A |  | Number type | Utility Tags |
| DFTAG\_NULL | 1 0x0001 |  | No data | Utility Tags |
| DFTAG\_RI | 302 0x012E | 16686 0x412E | Raster image | Raster Image Tags |
| DFTAG\_RI8 | 202 0x00CA |  | Raster image-8 | Obsolete Tags |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tag | Number | Extended Number | Full Name | Section |
| DFTAG\_RIG | 306 0x0132 |  | Raster image group | Raster Image Tags |
| DFTAG\_RLE | 11 0x000B |  | Run length encoded data | Compression Tags |
| DFTAG\_SD | 702 0x02BE | 17086 0x42BE | Scientific data | Scientific Data Set Tags |
| DFTAG\_SDC | 708 0x02C4 |  | Scientific data coordinates | Scientific Data Set Tags |
| DFTAG\_SDD | 701 0x02BD |  | Scientific data dimension record | Scientific Data Set Tags |
| DFTAG\_SDF | 706 0x02C2 |  | Scientific data format | Scientific Data Set Tags |
| DFTAG\_SDG | 700 0x02BC |  | Scientific data group | Obsolete Tags |
| DFTAG\_SDL | 704 0x02C0 |  | Scientific data labels | Scientific Data Set Tags |
| DFTAG\_SDLNK | 710 0x02C6 |  | Scientific data set link | Scientific Data Set Tags |
| DFTAG\_SDM | 707 0x02C3 |  | Scientific data max/min | Scientific Data Set Tags |
| DFTAG\_SDS | 703 0x02BF |  | Scientific data scales | Scientific Data Set Tags |
| DFTAG\_SDT | 709 0x02C5 |  | Scientific data transpose | Obsolete Tags |
| DFTAG\_SDU | 705 0x02C1 |  | Scientific data units | Scientific Data Set Tags |
| DFTAG\_T105 | 603 0x25B |  | Tektronix 4105 | Vector Image Tags |
| DFTAG\_T14 | 602 0x25A |  | Tektronix 4014 | Vector Image Tags |
| DFTAG\_TD | 103 0x0067 |  | Tag description | Annotation Tags |
| DFTAG\_TID | 102 0x0066 |  | Tag identifier | Annotation Tags |
| DFTAG\_VERSION | 30 0x001E |  | Library version number | Utility Tags |
| DFTAG\_VG | 1965 0x07AD |  | Vgroup | Vset Tags |
| DFTAG\_VH | 1962 0x07AA |  | Vdata description | Vset Tags |
| DFTAG\_VS | 1963 0x07AB | 18347 0x47AB | Vdata | Vset Tags |
| DFTAG\_XYP | 500 0x01F4 |  | X-Y position | Composite Image Tags |

## Extended Tag Labels

Table AS lists labels used to identify HDF extended tags. The table includes the following information:

Extended tag label The label, which appears as the first element of the extended tag description record

Physical storage method The alternative storage method indicated by the label

* Extended Tag Labels

|  |  |
| --- | --- |
| Extended Tag Label | Physical Storage Method |
| EXT\_EXTERN | External file element |
| EXT\_LINKED | Linked block element |
| SPECIAL\_COMP | Compressed element |
| SPECIAL\_CHUNKED | Chunked element |