

NAME

TIFFFieldWriteCount - get number of values to be written to field

SYNOPSIS

```
#include <tiffio.h>
```

```
int TIFFFieldWriteCount(const TIFFField *fip)
```

DESCRIPTION

TIFFFieldWriteCount() returns the number of values to be written into the specified TIFF field; that is, the number of arguments that should be supplied to *TIFFSetField()*. For most field types this is a small positive integer, typically 1 or 2, but there are some special values:

- ⊕ **TIFF_VARIABLE** indicates that a variable number of values is possible; then, a **uint16_t** *count* argument and a pointer *data* argument must be supplied to *TIFFSetField()*.
- ⊕ **TIFF_VARIABLE2** is the same as **TIFF_VARIABLE** except that the *count* argument must have type **uint32_t**. (On most modern machines, this makes no practical difference, and the *count* argument can simply be an int in either case.)
- ⊕ **TIFF_SPP** indicates that the number of arguments must be equal to the image's number of samples per pixel.

fip is a field information pointer previously returned by *TIFFFindField()*, *TIFFFieldWithTag()*, or *TIFFFieldWithName()*.

For most field types, *TIFFFieldWriteCount()* returns the same value as *TIFFFieldReadCount()*, but there are some exceptions.

RETURN VALUES

TIFFFieldWriteCount() returns an integer.

SEE ALSO

TIFFFieldDataType (3tiff), *TIFFFieldName* (3tiff), *TIFFFieldPassCount* (3tiff), *TIFFFieldQuery* (3tiff), *TIFFFieldReadCount* (3tiff), *TIFFFieldTag* (3tiff), *libtiff* (3tiff)

AUTHOR

LibTIFF contributors

COPYRIGHT

1988-2022, LibTIFF contributors