

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)

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