

NAME

TIFFFieldReadCount - get number of values to be read from field

SYNOPSIS

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

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

DESCRIPTION

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

- ⊕ **TIFF_VARIABLE** = **-1** indicates that a variable number of values is possible; then, a **uint16_t** *count* argument and a pointer *data* argument must be supplied to *TIFFGetField()*.
- ⊕ **TIFF_VARIABLE2** = **-3** is the same as **TIFF_VARIABLE** except that the *count* argument must have type **uint32_t**.
- ⊕ **TIFF_SPP** = **-2** indicates that the number of arguments is equal to the image's number of samples per pixel.

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

RETURN VALUES

TIFFFieldReadCount() returns an integer.

SEE ALSO

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

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