

**NAME**

TIFFSetDirectory, TIFFSetSubDirectory - set the current directory for an open TIFF file

**SYNOPSIS**

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

```
int TIFFSetDirectory(TIFF *tif, tdir_t dirnum)
```

```
int TIFFSetSubDirectory(TIFF *tif, uint64_t diroff)
```

**DESCRIPTION**

*TIFFSetDirectory* changes the current directory and reads its contents with *TIFFReadDirectory*. The parameter *dirnum* specifies the subfile/directory as an integer number, with the first directory numbered zero.

*TIFFSetSubDirectory* acts like *TIFFSetDirectory*, except the directory is specified as a file offset instead of an index; this is required for accessing subdirectories linked through a *SubIFD* tag.

**RETURN VALUES**

On successful return 1 is returned. Otherwise, 0 is returned if *dirnum* or *diroff* specifies a non-existent directory, or if an error was encountered while reading the directory's contents.

**DIAGNOSTICS**

All error messages are directed to the *TIFFError*(3TIFF) routine.

**%s: Error fetching directory count.** An error was encountered while reading the "directory count" field.

**%s: Error fetching directory link.** An error was encountered while reading the "link value" that points to the next directory in a file.

**SEE ALSO**

*TIFFCurrentDirectory*(3TIFF), *TIFFOpen*(3TIFF), *TIFFReadDirectory*(3TIFF), *TIFFWriteDirectory*(3TIFF), *libtiff*(3TIFF)

Libtiff library home page: <http://www.simplesystems.org/libtiff/>