NAME
    TIFFSetDirectory - 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. *TIFFSetDirectory()* only works with main-IFD chains because allways starts with the
first main-IFD and thus is able to reset the SubIFD reading chain to the main-IFD chain.

    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. (see
MultiPage SubIFD)

    Directory query functions *TIFFCurrentDirectory()*, *TIFFCurrentDirOffset()*, *TIFFLastDirectory()* and
TIFFNumberOfDirectories() retrieve information about directories in an open TIFF file. Be aware that
until a directory is not written to file AND read back, the query functions won't retrieve the correct
information!

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 *TIFFErrorExtR()* 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

TIFFquery (3tiff), *TIFFOpen* (3tiff), *TIFFCreateDirectory* (3tiff), *TIFFCustomDirectory* (3tiff), *TIFFWriteDirectory* (3tiff), *TIFFReadDirectory* (3tiff), *Multi Page / Multi Image TIFF*, *libtiff* (3tiff)

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