# TIFFSetDirectory

[NAME](#gjdgxs)

[SYNOPSIS](#30j0zll)

[DESCRIPTION](#1fob9te)

[RETURN VALUES](#3znysh7)

[DIAGNOSTICS](#2et92p0)

[SEE ALSO](#tyjcwt)

## NAME

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

## SYNOPSIS

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|  | **#include <tiffio.h>**  **int TIFFSetDirectory(TIFF \****tif***, tdir\_t** *dirnum***)**  **int TIFFSetSubDirectory(TIFF \****tif***, uint32** *diroff***)** |

## DESCRIPTION

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|  | *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

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|  | 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

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|  | 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

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|  | *TIFFCurrentDirectory*(3TIFF), *TIFFOpen*(3TIFF), *TIFFReadDirectory*(3TIFF), *TIFFWriteDirectory*(3TIFF), *libtiff*(3TIFF)  Libtiff library home page: **http://www.simplesystems.org/libtiff/** |