# TIFFSTRIP

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## NAME

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|  | TIFFDefaultStripSize, TIFFStripSize, TIFFVStripSize, TIFFRawStripSize, TIFFComputeStrip, TIFFNumberOfStrips − strip-related utility routines |

## SYNOPSIS

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|  | **#include <tiffio.h>**  **uint32 TIFFDefaultStripSize(TIFF \****tif***, uint32** *estimate***)**  **tsize\_t TIFFStripSize(TIFF \****tif***)**  **tsize\_t TIFFVStripSize(TIFF \****tif***, uint32** *nrows***)**  **tsize\_t TIFFRawStripSize(TIFF \****tif***, tstrip\_t** *strip***)**  **tstrip\_t TIFFComputeStrip(TIFF \****tif***, uint32** *row***, tsample\_t** *sample***)**  **tstrip\_t TIFFNumberOfStrips(TIFF \****tif***)** |

## DESCRIPTION

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|  | *TIFFDefaultStripSize* returns the number of rows for a reasonable-sized strip according to the current settings of the *ImageWidth*, *BitsPerSample*, *SamplesPerPixel*, tags and any compression-specific requirements. If the *estimate* parameter, if non-zero, then it is taken as an estimate of the desired strip size and adjusted according to any compression-specific requirements. The value returned by this function is typically used to define the *RowsPerStrip* tag. In lieu of any unusual requirements *TIFFDefaultStripSize* tries to create strips that have approximately 8 kilobytes of uncompressed data.  *TIFFStripSize* returns the equivalent size for a strip of data as it would be returned in a call to *TIFFReadEncodedStrip* or as it would be expected in a call to *TIFFWriteEncodedStrip*.  *TIFFVStripSize* returns the number of bytes in a strip with *nrows* rows of data.  *TIFFRawStripSize* returns the number of bytes in a raw strip (i.e. not decoded).  *TIFFComputeStrip* returns the strip that contains the specified coordinates. A valid strip is always returned; out-of-range coordinate values are clamped to the bounds of the image. The *row* parameter is always used in calculating a strip. The *sample* parameter is used only if data are organized in separate planes (*PlanarConfiguration*=2).  *TIFFNumberOfStrips* returns the number of strips in the image. |

## DIAGNOSTICS

|  |  |
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|  | None. |

## SEE ALSO

|  |  |
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|  | **TIFFReadEncodedStrip**(3TIFF), **TIFFReadRawStrip**(3TIFF), **TIFFWriteEncodedStrip**(3TIFF), **TIFFWriteRawStrip**(3TIFF), **libtiff**(3TIFF),  Libtiff library home page: **http://www.simplesystems.org/libtiff/** |