

**NAME**

TIFFReadRawTile - return an undecoded tile of data from an open TIFF file

**SYNOPSIS**

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

```
tsize_t TIFFReadRawTile(TIFF *tif, ttile_t tile, tdata_t buf, tsize_t size)
```

**DESCRIPTION**

Read the contents of the specified tile into the (user supplied) data buffer. Note that the value of *tile* is a ‘raw tile number.’ That is, the caller must take into account whether or not the data is organized in separate planes (*PlanarConfiguration=2*). *TIFFComputeTile* automatically does this when converting an (x,y,z,sample) coordinate quadruple to a tile number. To read a full tile of data the data buffer should typically be at least as large as the value returned by *TIFFTileSize*.

**RETURN VALUES**

The actual number of bytes of data that were placed in *buf* is returned; *TIFFReadEncodedTile* returns -1 if an error was encountered.

**DIAGNOSTICS**

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

**SEE ALSO**

**TIFFOpen**(3TIFF), **TIFFReadEncodedTile**(3TIFF), **TIFFReadTile**(3TIFF), **TIFFTileSize**(3TIFF), **libtiff**(3TIFF)

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