**TIFF CHANGE INFORMATION**

**Current Version**: v3.8.1  
**Previous Version**: [v3.8.0](http://docs.google.com/v3.8.0.html)  
**Master FTP Site**:  [download.osgeo.org](ftp://download.osgeo.org/libtiff), directory pub/libtiff  
**Master HTTP Site**: <http://www.simplesystems.org/libtiff/>

This document describes the changes made to the software between the *previous* and *current* versions (see above). If you don't find something listed here, then it was not done in this timeframe, or it was not considered important enough to be mentioned. The following information is located here:

* [Major Changes](#tyjcwt)
* [Changes in the software configuration](#30j0zll)
* [Changes in libtiff](#1fob9te)
* [Changes in the tools](#3znysh7)
* [Changes in the contrib area](#2et92p0)

**MAJOR CHANGES:**

* Bug-fix release.

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* libtool related stuff updated from the 2.1a branch.
* Fix with\_default\_strip\_size comparison as reported by Norihiko Murase.

**CHANGES IN LIBTIFF:**

* tif\_dirread.c: Fixed error reporting in TIFFFetchAnyArray() function as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1102>
* tif\_jpeg.c, tif\_pixarlog.c, tif\_fax3.c, tif\_zip.c: Properly restore setfield/getfield methods in cleanup functions. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1102>
* tif\_lzw.c, tif\_pixarlog.c, tif\_zip.c: Use TIFFPredictorCleanup() in codec cleanup methods. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1102>
* tif\_predict.c, tif\_predict.h: Added new function TIFFPredictorCleanup() to restore parent decode/encode/field methods.
* tif\_dirread.c: Fixed integer overflow condition in TIFFFetchData() function. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1102>
* tif\_ojpeg.c: Set the ReferenceBlackWhite with the TIFFSetField() method, not directly. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1043>
* tif\_write.c: Small code rearrangement in TIFFWriteScanline() to avoid crash as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1081>
* tif\_dirwrite.c: Properly write TIFFTAG\_DOTRANGE tag as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1088>
* tif\_print.c: Properly read TIFFTAG\_PAGENUMBER, TIFFTAG\_HALFTONEHINTS, TIFFTAG\_YCBCRSUBSAMPLING and TIFFTAG\_DOTRANGE tags as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1088>
* tif\_tile.c: Fix error reporting in TIFFCheckTile() as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1063>
* tif\_color.c: Avoid overflow in case of wrong input as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1065>
* tif\_dirinfo.c: Use TIFF\_NOTYPE instead of 0 when appropriate. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1033>
* tif\_aux.c: Fixed type of temporary variable in \_TIFFCheckMalloc() as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=103>
* tif\_aux.c: Return static array when fetching default YCbCrCoefficients (another problem, reported a the <http://bugzilla.remotesensing.org/show_bug.cgi?id=1029> entry).
* tif\_dir.c: Special handling for PageNumber, HalftoneHints, YCbCrSubsampling and DotRange tags as per bugs <http://bugzilla.remotesensing.org/show_bug.cgi?id=1029> <http://bugzilla.remotesensing.org/show_bug.cgi?id=1034>
* tif\_dirread.c: Use \_TIFFGetExifFieldInfo() instead of \_TIFFGetFieldInfo() in TIFFReadEXIFDirectory() call as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1026>
* tif\_dirinfo.c: Change definitions for TIFFTAG\_ICCPROFILE, TIFFTAG\_PHOTOSHOP, TIFFTAG\_RICHTIFFIPTC, TIFFTAG\_XMLPACKET: readcount should be uint32 value.

**CHANGES IN THE TOOLS:**

* ppm2tiff.c: Added support for PBM files as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1044>
* tiff2pdf.c: Functions t2p\_sample\_rgbaa\_to\_rgb() and t2p\_sample\_rgba\_to\_rgb() was used in place of each other, that was resulted in problems with RGBA images with associated alpha. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1097>
* tiff2ps.c: Properly scale all the pages when converting multipage TIFF with /width/height/center options set. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1080>
* tiff2pdf.c: Do not create output file until all option checks will be done. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1072>
* bmp2tiff.c: Added ability to create multipage TIFFs from the list of input files as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=1077>
* tiffgt.c: Avoid crashing in case of image unsupported by TIFFRGBAImage interface.
* tiff2pdf.c: Fixed support for non-YCbCr encoded JPEG compressed TIFF files, per submission from Dan Cobra.
* bmp2tiff, pal2rgb, ppm2tiff, ras2tiff, raw2tiff, sgi2tiff, tiff2bw, tiffcp: Fixed jpeg option processing so -c jpeg:r:50 works properly as per bug: <http://bugzilla.remotesensing.org/show_bug.cgi?id=1025>

**CHANGES IN THE CONTRIB AREA:**

Last updated $Date: 2016-09-25 20:05:45 $.