**TIFF CHANGE INFORMATION**

**Current Version**: v3.7.0beta  
**Previous Version**: [v3.7.0alpha](http://docs.google.com/v3.7.0alpha.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](#3dy6vkm)
* [Changes in the software configuration](#30j0zll)
* [Changes in libtiff](#1fob9te)
* [Changes in the tools](#3znysh7)
* [Changes in the contrib area](#2et92p0)
* [Changes in the LZW compression kit](#tyjcwt)

**MAJOR CHANGES:**

* LZW compression enabled by default. You don't need the separate compression kit anymore.
* bmp2tiff: Added new utility to convert Windows BMP files into TIFFs.
* The first attempt to implement a test suite.

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* Many portability fixes in the new autotooled build suite.

**CHANGES IN LIBTIFF:**

* libtiff/{tif\_luv.c, tif\_next.c, tif\_thunder.c}: Several buffer overruns fixed, as noted by Chris Evans.
* BSD data types (u\_char, u\_short, u\_int, u\_long) is no longer used internally in the libtiff. Should result in simpler configuration and better portability.
* libtiff/tiff.h: Fix column tagging. Reference current Adobe XMP specification. Reference libtiff bug tracking system to submit private tag additions.
* libtiff/tif\_dirread.c: Don't reject to read tags of the SamplesPerPixel size when the tag count is greater than number of samples as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=576>.
* libtiff/{tiffio.h, tif\_open.c}: Applied patches from Joris Van Damme to avoid requirement for tiffiop.h inclusion in some applications. Look for details here: <http://www.asmail.be/msg0054799560.html>.
* libtiff/{tiffiop.h, tif\_dirinfo.c}: Fixed problem with the static variable as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=593>.
* libtiff/tif\_lzw.c: LZW compression code is merged back from the separate package. All libtiff tools are updated to not advertise an abcence of LZW support.
* libtiff/tif\_dir.c: Call TIFFError() instead of producing warnings when setting custom tags by value. Reported by Eric Fieleke.

**CHANGES IN THE TOOLS:**

* tiff2ps: Avoid zero division in setupPageState() function; properly initialize array in PSDataBW().
* tiff2pdf: Multiple bugfixes.
* ras2tiff: Fixed issue with missed big-endian checks as per bug http://bugzilla.remotesensing.org/show\_bug.cgi?id=586.
* bmp2tiff: Added new utility to convert Windows BMP files into TIFFs.

**CHANGES IN THE CONTRIB AREA:**

* No changes.

**CHANGES IN THE LZW COMPRESSION KIT:**

* This one is not longer needed.

 TIFF home page.

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