**TIFF CHANGE INFORMATION**

**Current Version**: v3.7.2  
**Previous Version**: [v3.7.1](http://docs.google.com/v3.7.1.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:**

* Maintainance release. Many bugfixes in the build environment and compatibility improvements.

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* configure.ac: Use -rpath option instead of -R as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=732>
* tif\_stream.cxx: Fixes for C++ stream interface from Michael Rinne and Edward Lam.
* configure.ac: Make the documentation directory location configurable via the --with-docdir option (as suggested by Jeremy C. Reed).
* Place the C++ stream API in the separate library called libtiffxx to avoid unneeded dependencies. Probably there will be more C++ API in the future. As per bugs <http://bugzilla.remotesensing.org/show_bug.cgi?id=733> and <http://bugzilla.remotesensing.org/show_bug.cgi?id=730>
* configure, configure.ac: Replace --disable-c++ with the --disable-cxx option as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=730>.

**CHANGES IN LIBTIFF:**

* Applied patch from Lee Howard to support a new tag TIFFTAG\_FAXDCS (34911) used in HylaFax software. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=771>
* tif\_open.c: Remove unnesessary TIFFSeekFile() call as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=756>
* tiff.h: Changed the int8 definition to be always signed char as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=727>
* tiffio.h: Move TIFFOpenW() function into the extern "C"{} block as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=763>
* tif\_dirread.c: Estimate strip size in case of wrong or suspicious values in the tags. As per bugs <http://bugzilla.remotesensing.org/show_bug.cgi?id=705> and <http://bugzilla.remotesensing.org/show_bug.cgi?id=320>
* tif\_color.c: Use double as the second argument of pow() function in TIFFCIELabToRGBInit(). As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=741>
* tif\_pixarlog.c: Avoid warnings when converting float to integer as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=740>
* tif\_getimage.c: Always fill the error message buffer in TIFFRGBAImageBegin() as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=739>
* tif\_jpeg.c: Added ability to read/write the fax specific TIFFTAG\_FAXRECVPARAMS, TIFFTAG\_FAXSUBADDRESS and TIFFTAG\_FAXRECVTIME tags as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=736>
* tif\_win32.c: Fixed message formatting in functions Win32WarningHandler() and Win32ErrorHandler() as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=735>
* tiffio.h: Move the color conversion routines in the 'extern "C"' section as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=727>
* tiff.h: Restore back the workaround for AIX Visual Age C compiler to avoid double definition of BSD types as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=39>
* tif\_getimage.c: More fixes for multiple-alpha-channelled RGB-images as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=713>

**CHANGES IN THE TOOLS:**

* tiffcmp.c: Added ability to compare the 32-bit integer and floating point data; complain on unsupported bit depths.
* tiffcmp.c: Use properly sized buffer in short arrays comparison as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=785>
* fax2ps.c: Replace insecure mktemp() function with the tmpfile() as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=786>
* tiffgt.c: Fix problem on big-endian CPUs so that images display more correctly. Images display brighter than they should on a Sun workstation.
* tiff2ps.c: Fixed problem with page sizes as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=742>
* tiff2ps.c: Interpret the -w and -h options independently. As per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=689>
* tiffdump.c: Fixed problem when read broken TIFFs with the wrong tag counts (Dmitry V. Levin, Martin Pitt).
* tiffset.c: Convert character option to integer value as per bug <http://bugzilla.remotesensing.org/show_bug.cgi?id=725>.

**CHANGES IN THE CONTRIB AREA:**

* No changes.

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