**TIFF CHANGE INFORMATION**

**Current Version**: v3.4beta024  
**Previous Version**: [v3.4beta018](http://docs.google.com/v3.4beta018.html)  
**Master FTP Site**: [ftp.sgi.com (192.48.153.1), directory graphics/tiff](ftp://ftp.sgi.com/graphics/tiff)

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:

* [Changes in the software configuration](#gjdgxs)
* [Changes in libtiff](#30j0zll)
* [Changes in the tools](#1fob9te)
* [Changes in the manual pages](#3znysh7)
* [Changes in the contributed software](#2et92p0)

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* It is now possible to setup the software to build only the library; configure reconizes this is the intent when the **VERSION**, **tiff.alpha**, and **tif\_version.c** files are in the local directory (i.e. ``.'')
* configure no longer tries to setup HTML materials
* include file directories needed in building the library are now specified with a DIRS\_LIBINC config parameter
* configure no longer checks for alternate compilers if CC is set; if the specified compiler is not found or is not appropriate the configuration procedure aborts
* the **port.h** file generated by configure is now used only by the library and as such as have been moved to the **libtiff** directory
* there is beginning support for building DSO's on systems other than IRIX
* configure now verifies the JPEG and zlib directory pathnames by checking for well-known include files in these directories
* configure no longer creates the **dist** directory needed only on SGI machines (for building SGI binary distributions)
* a bug was fixed whereby configure would incorrectly set ENVOPTS when building the software with gcc under AIX

**CHANGES IN LIBTIFF:**

* two new typedefs were added to **tiff.h: int8 and uint8 for signed and unsigned 8-bit quantities, respectively; these are currently used only by programs in the tools directory**
* **the BadFaxLines, CleanFaxData, and ConsecutiveBadFaxLines** tags are now supported with Group 4 compression
* byte order is now correctly identified on 64-bit machines
* a bug was fixed in the PackBits decoder where input data would appear short when a no-op run was present
* a bug was fixed in calculations with very wide strips
* TIFFWriteEncodedStrip and TIFFWriteRawStrip were extended to support dynamically growing the number of strips in an image (must set ImageLength prior to making calls though)
* TIFFDefaultTileSize now rounds tile width and height up to a multiple of 16 pixels, as required by the TIFF 6.0 specification
* the file **version.h** is now built by a new **mkversion** program; this was done for portability to non-UNIX systems
* support was added for the Acorn RISC OS (from Peter Greenham)
* the builtin codec table is now made const when compiling under VMS so that **libtiff** can be built as a shared library
* support for the PowerPC Mac (from Ruedi Boesch)
* support for Window NT/Window 95 (from Scott Wagner)

**CHANGES IN THE TOOLS:**

* the tools no longer include **port.h**
* various portability fixes; mostly to eliminate implicit assumptions about how long int32 data types are
* PostScript Level II additions to tiff2ps from Bjorn Brox
* sgi2tiff now handles RGBA images

**CHANGES IN THE MANUAL PAGES:**

* the documentation has been updated to reflect the current state of the software
* some routines have been moved to different manual pages to group like-routines together

**CHANGES IN THE CONTRIBUTED SOFTWARE:**

* support was added for the Acorn RISC OS (from Peter Greenham)
* support for Windows NT/Windows 95 contributed for a previous version of this software was sort of incorporated (it's broken right now) (from Scott Wagner)

 TIFF home page.

[Sam Leffler](http://docs.google.com/sam.html) / [sam@engr.sgi.com](mailto:sam@engr.sgi.com) Last updated $Date: 2016-09-25 20:05:45 $.