**TIFF CHANGE INFORMATION**

**Current Version**: v3.4beta007  
**Previous Version**: v3.4beta004  
**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 portability support](#1fob9te)
* [Changes in the tools](#3znysh7)

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* bit order was corrected for Pentium systems
* a new define, HOST\_BIGENDIAN, was added for code that wants to statically use information about native cpu byte order

**CHANGES IN LIBTIFF:**

* the G3/G4 decoder was replaced by a new one that is faster and has smaller state tables
* Niles Ritter's client tag extension hooks were added
* a new routine TIFFCurrentDirOffset was added for applications that want to find out the file offset of a TIFF directory
* the calculation of the number of strips in an image was corected for images with certain esoteric configurations
* a potential memory leak (very unlikely) was plugged
* the TIFFReadRGBAImage support was completely rewritten and new, more flexible support was added for reading images into a fixed-format raster
* YCbCr to RGB conversion done in the TIFFReadRGBAImage support was optimized
* a bug in JPEG support calculation of strip size was corrected
* the LZW decoder was changed to initialize the code table to zero to lessen potential problems that arise when invalid data is decoded
* **tiffcomp.h** is now aware of OS/2
* some function prototypes in **tiffio.h** and **tiffiop.h** that contained parameter names have been changed to avoid complaints from certain compilers

**CHANGES IN THE PORTABILITY SUPPORT:**

* **Makefile.in** has been corrected to use the parameters chosen by the configure script

**CHANGES IN THE TOOLS:**

* fax2ps has been rewritten and moved over from the user contributed software
* an uninitialized variable in pal2rgb has been fixed
* ras2tiff now converts 24-bit RGB raster data so that samples are written in the proper order
* tiff2ps has been updated to include fixes and enhancements from Alberto Accomazzi
* tiffcp now has a -o option to select a directory by file offset
* tiffinfo is now capable of displaying the raw undecoded image data in a file
* tiffgt has been rewritten to use the new TIFFRGBAImage support and to handle multiple files

 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 $.