**TIFF CHANGE INFORMATION**

**Current Version**: v4.0.2  
**Previous Version**: [v4.0.1](http://docs.google.com/v4.0.1.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](#gjdgxs)
* [Changes in the software configuration](#30j0zll)
* [Changes in libtiff](#1fob9te)
* [Changes in the tools](#3znysh7)
* [Changes in the contrib area](#2et92p0)

**MAJOR CHANGES:**

* None

**CHANGES IN THE SOFTWARE CONFIGURATION:**

* None

**CHANGES IN LIBTIFF:**

* tif\_getimage.c: added support for \_SEPARATED CMYK images.
* tif\_getimage.c: Added support for greyscale + alpha.
* Added TIFFCreateCustomDirectory() and TIFFCreateEXIFDirectory() functions.
* tif\_print.c: Lots of fixes around printing corrupt or hostile input.
* Improve handling of corrupt ycbcrsubsampling values.
* tif\_unix.c: use strerror to get meaningful error messages.
* tif\_jpeg.c: fix serious bugs in JPEGDecodeRaw().
* tif\_jpeg.c: Fix size overflow (zdi-can-1221,CVE-2012-1173).

**CHANGES IN THE TOOLS:**

* tiff2pdf: Defend against integer overflows while calculating required buffer sizes (CVE-2012-2113).

**CHANGES IN THE CONTRIB AREA:**

* None

Last updated $Date: 2016-09-25 20:05:47 $.