# CODEC

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## NAME

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|  | TIFFFindCODEC, TIFFRegisterCODEC, TIFFUnRegisterCODEC, TIFFIsCODECConfigured − codec-related utility routines |

## SYNOPSIS

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|  | **#include <tiffio.h>**  **const TIFFCodec\* TIFFFindCODEC(uint16** *scheme***);**  **TIFFCodec\* TIFFRegisterCODEC(uint16** *scheme***, const char \****method***, TIFFInitMethod** *init***);**  **void TIFFUnRegisterCODEC(TIFFCodec \****codec***);**  **int TIFFIsCODECConfigured(uint16** *scheme***);** |

## DESCRIPTION

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|  | *libtiff* supports a variety of compression schemes implemented by software *codecs*. Each codec adheres to a modular interface that provides for the decoding and encoding of image data; as well as some other methods for initialization, setup, cleanup, and the control of default strip and tile sizes. Codecs are identified by the associated value of the TIFF *Compression* tag; e.g. 5 for LZW compression.  The *TIFFRegisterCODEC* routine can be used to augment or override the set of codecs available to an application. If the specified *scheme* already has a registered codec then it is *overridden* and any images with data encoded with this compression scheme will be decoded using the supplied coded.  *TIFFIsCODECConfigured* returns 1 if the codec is configured and working. Otherwise 0 will be returned. |

## DIAGNOSTICS

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|  | **No space to register compression scheme %s**. *TIFFRegisterCODEC* was unable to allocate memory for the data structures needed to register a codec.  **Cannot remove compression scheme %s; not registered**. *TIFFUnRegisterCODEC* did not locate the specified codec in the table of registered compression schemes. |

## SEE ALSO

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|  | **libtiff**(3TIFF)  Libtiff library home page: **http://www.simplesystems.org/libtiff/** |