NAME

    TIFFcodec - codec-related utility routines

SYNOPSIS

    #include <tiffio.h>

    const TIFFCodec *TIFFFindCODEC(uint16_t scheme)

    TIFFCodec *TIFFRegisterCODEC(uint16_t scheme, const char *method, TIFFInitMethod init)

    void TIFFUnRegisterCODEC(TIFFCodec *codec)

    int TIFFIsCODECConfigured(uint16_t scheme)

    TIFFCodec *TIFFGetConfiguredCODECs(uint16_t scheme)

    int TIFFSetCompressionScheme(TIFF *tif, int scheme)

DESCRIPTION

    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.

    TIFFFindCODEC() ??????

    TIFFUnRegisterCODEC() ?????

    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 codec.

    TIFFIsCODECConfigured() returns 1 if the codec is configured and working. Otherwise 0 will be returned.

    TIFFGetConfiguredCODECs() gets list of configured codecs, both built-in and registered by user. Function returns array of **TIFFCodec** records (the last record should be NULL) or NULL if function failed. Caller is responsible to free this structure.

TIFFSetCompressionScheme( ) ????

DIAGNOSTICS

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

libtiff (3tiff),

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