

NAME

TIFFFindCODEC, TIFFRegisterCODEC, TIFFUnRegisterCODEC, TIFFIsCODECConfigured -
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);
```

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.

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.

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)

Libtiff library home page: <http://www.simplesystems.org/libtiff/>