

**NAME**

TIFFFindCODEC, TIFFRegisterCODEC, TIFFUnRegisterCODEC, TIFFIsCODECConfigured – codec-related utility routines

**SYNOPSIS**

```
#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**

*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/>