

# TWriteTags1

**TWriteTags** - write tags from a tag list in memory to a TIFF file.

## Synopsis

```
OSErr TWriteTags(refNum, byteOrder, nextFileFree, listHandle, nextDirPointer)
Int16 refNum;
Int16 *byteOrder;
Int32 *nextFileFree;
Handle *listHandle;
Int32 nextDirPointer;
```

## Description

Given the reference number for the TIFF file, *refNum*, the TIFF two-character byte order specifier, *byteOrder*, the logical end of the TIFF file, *nextFileFree*, the handle to the tag list, *listHandle*, and the offset of the next IFD, *nextDirPointer*, *TWriteTags* writes out the tag list to the file starting at *nextFileFree*, fixing the byte and word order as necessary, and setting the offset of the next IFD in the current IFD to be *nextDirPointer*.

The value at the address specified by *nextFileFree* is updated to reflect the new logical end of file.

If more than one image, and consequently more than one image file directory or IFD is written to the TIFF file, the first written will be the last IFD in the file. The parameter, *nextDirPointer*, must necessarily be 0 on the first call. *nextDirPointer*, on the second call to *TWriteTags* should be the value passed at the address *nextFileFree* prior to the first call to *TWriteTags*.

## Return Value

The return value is a Macintosh operating system result code. A nonzero result code (usually negative) signals an error. For a full list of operating system result codes see Appendix A of [Inside Macintosh](#) (Volume III).

## See Also

TReadTags