

## TPutTag1

### TPutTag - place a tag in the tag list in memory

#### Synopsis

```
OSErr TPutPtrTag(listHandle, tagNo, tagType, nVals, valuePtr)
Handle listHandle;
Int16 tagNo;
Int16 tagType;
Int32 nVals;
unsigned char *valuePtr;
```

```
OSErr TPutHdlTag(listHandle, tagNo, tagType, nVals, valueHdl)
Handle listHandle;
Int16 tagNo;
Int16 tagType;
Int32 nVals;
unsigned char **valueHdl;
```

#### Description

*TPutPtrTag* and *TPutHdlTag* place a tag and its value in the tag list in memory. Given the handle to the tag list, *listHandle*, the tag number, *tagNo*, the tag type, *tagType*, and the number of values, *nVals*, *TPutPtrTag* and *TPutHdlTag* add a tag to the tag list.

*TPutPtrTag* and *TPutHdlTag* differ only in that *TPutPtrTag* receives the value or values to be added via the pointer *valuePtr*, while *TPutHdlTag* receives the value via the handle *valueHdl*. This is purely for the convenience of the calling routine to be able to refer to a value by either a pointer or a handle. The two routines are otherwise identical.

The data referred to by *valuePtr* and *valueHdl* is treated as an *nVals* array of type *tagType*.

The tags are written out to the TIFF file after the tag list is complete by *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

TFindTag, TWriteTags