

Multiple Marks

Another question dealt with a need for multiple marks. Consider, for example, a glossary in which entries are numbered. It might be useful to place guide words in the heading on each page and "guide numbers" in the footing. TeX's mark feature was specifically designed to save such labels, but only one mark can be specified at a time. While it is clear that the mark construct can be used for either guide words or guide numbers it is not obvious how to use it for both. Don suggested using TeX82's \ifcase construct. For example, the macro that starts a new entry might expand to include an instruction such as

```
\mark{Dachshund\or 20}
```

if "dachshund" is the twentieth word entered. The output routine could use the construct

```
\ifcase\expandafter 0\topmark
```

to find the guide word in effect at the top of the page and

```
\ifcase\expandafter 1\topmark
```

to find the guide number.

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TUGBOAT MACRO INDEX

The following list catalogues macros that have appeared in TUGboat. Entries are listed by volume, number, and page as well as author's name. Items that could not be categorized by an obvious headword have been listed under "miscellaneous". Many items refer to parts of large macro packages; users of other packages may find them valuable models for macros of their own.

Readers' comments on the format as well as the contents of this index are welcome.

ACM style	II:1 61, 82-83	A. Keller
Addresses	II:1 54	B. Beeton
	II:2 A-35	M. Díaz
Appendices	II:2 A-21	M. Díaz
Array operations	III:2 34-36	L. Lamport
Baseline, set to top of box	II:1 60, 77	A. Keller
Bibliography	II:2 A-25	M. Díaz
Boxes	II:1 59, 73	A. Keller
Box numbers, automatic allocation	III:1 33	M. Plass
Branching, <i>see</i> If		
Capital letters		
dropped initial	IV:2 81	Problems column
first line of paragraph	IV:2 80	Problems column
large ~ at beginning of paragraph	II:1 60, 78	A. Keller
.	II:3 62	TeXarcana Class
.	II:2 A-16	M. Díaz
.	IV:2 81	Problems column
Roman numerals	II:1 120-121	P. Milligan, L. Price

Centering a sequence of lines	II:2 A-13	M. Díaz
Chapters and Sections	II:1 60-61, 79-81	A. Keller
.	II:1 111-118	L. Price
.	II:2 A-8-9, 20-22	M. Díaz
Character width determination	IV:1 38	R. McClure
Characters, macros to produce		
special	II:1 57, 67-70	A. Keller
Chemical notation	II:3 57-58	M. Nichols, B. Beeton
Columns		
balanced	II:3 58-59	L. Price
multiple	II:2 A-38-40	M. Díaz
.	II:3 24-25	B. Beeton
.	III:2 33	B. Beeton
Comparison of integral values	II:1 119-120	P. Milligan, L. Price
Counters		
automatic allocation	III:1 33	M. Plass
pseudo	II:1 60, 77	A. Keller
.	II:1 120	P. Milligan, L. Price
.	III:2 30	B. Beeton
Cross references	II:3 24	B. Beeton
Deferred output	II:1 60, 86-86	A. Keller
Division	II:2 47	B. McKay
Equality of integral values	II:1 119-120	P. Milligan, L. Price
\expandafter	IV:2 79	July '83 TUG meeting
Figures	II:2 A-25-27	M. Díaz
Font		
character width determination	IV:1 38	R. McClure
declaring families of a particular		
point size	II:1 56-57, 65-66	A. Keller
.	II:2 A-11	M. Díaz
definition	II:1 119	P. Milligan, L. Price
.	II:2 44-45	P. Milligan
display in table form	III:1 35	R. Beeman
Fontcodes	III:2 26	C. Jackson
Footnotes	II:1 58, 71-72	A. Keller
.	II:2 A-24-25	M. Díaz
French	II:2 A-12	M. Díaz
Graphics	II:2 48-49	B. McKay
.	II:3 63	TeXarcana Class
Hashsize	IV:1 36	B. Beeton
Headings, page	II:2 A-23-24	M. Díaz
Hidden Text	II:3 61	TeXarcana Class
If		
comparison of integral values	II:1 119-120	P. Milligan, L. Price
groupless \if	II:2 46	B. McKay
null string, <i>see</i> Null string		
testing math-style (display, script or		
scriptscript)	II:2 46	B. McKay
\ifcase	IV:2 79	July '83 TUG meeting
Index production	I:1 Appendix A	T. Winograd,
.		W. Paxton
.	II:2 A-28	M. Díaz
Justification		
of reviewer's names	II:3 62	TeXarcana Class
right ~	II:3 63	TeXarcana Class
Layout macros	IV:1 37	A. Mohr
Letters	II:2 A-32-35	M. Díaz
Letterhead	II:2 A-33	M. Díaz
Line numbering	III:1 43	TeXarcana Class
Lists	II:1 59, 72-72	A. Keller
.	II:1 98-110	L. Price
.	II:2 A-15	M. Díaz
Margins	II:2 A-19	M. Díaz
\mark	IV:2 79	July '83 TUG meeting

Matrices	II:2 A-30	M. Díaz
Memos	II:2 A-32-35	M. Díaz
Miscellaneous		
automatic printing of macro names avoiding "Argument of (control sequence) has an extra }."	II:3 60-61	L. Price
conditional evaluation of macros	II:2 50	M. Spivak
input-dependent macro redefinition	II:3 59-60	L. Price
<input \if<="" td="" within=""/> <td>II:2 50</td> <td>M. Spivak</td>	II:2 50	M. Spivak
single tokens, identifying	II:2 52	M. Spivak
Multiplication	II:2 47	B. McKay
Nofill		
macros	II:1 59-60, 74-76	A. Keller
program (SAIL)	II:2 A-16-18, 36	M. Díaz
program (Pascal)	II:1 87-93	L. Price, P. Milligan
program errata (SAIL and Pascal)	II:1 94-97	L. Price, P. Milligan
II:2 43-44		
Notes		
output to the writer on a separate file	II:1 60, 76, 85	A. Keller
printed at end of document	II:2 A-25	M. Díaz
Null string, testing for	II:1 60, 77	A. Keller
	II:2 51-52	M. Spivak
Numbering, page	II:1 57, 70-71	A. Keller
line	III:1 43	TeXarcana Class
Output routines	II:1 57-58, 60-62, 71, 82-85	A. Keller
	II:2 A-18, 40	M. Díaz
	III:2 33	B. Beeton
Overlining	II:2 A-13	M. Díaz
Page layout	IV:1 37	A. Mohr
Page numbering	II:1 57, 70-71	A. Keller
	II:2 A-18, 23	M. Díaz
Paragraphs		
beginning with dropped initial caps	IV:2 81	Problems column
beginning with large capital letters	II:1 60, 78	A. Keller
	II:2 A-16	M. Díaz
in tables	III:2 38	Problems column
indented	II:1 58, 72	A. Keller
	II:2 A-13-15	M. Díaz
numbered, see Lists		
with first line all caps	IV:2 80	Problems column
Parentheses, assorted sizes	II:2 A-11	M. Díaz
Pictures, plotting	II:2 48-49	B. McKay
Point, declaring font families of a particular ~ size	II:1 56-57, 65-66	A. Keller
	II:2 A-11	M. Díaz
Proofs	II:2 A-31-32	M. Díaz
Punctuation, 'hanging'	III:2 38	Problems column
	IV:1 39	Problems column
Push-down stacks	III:2 34-36	L. Lamport
Recursion	II:2 46-48	B. McKay
	II:2 53	M. Spivak
References	II:2 A-25	M. Díaz
Registration marks	III:2 30	B. Beeton
Roman numerals, uppercase	II:1 120-121	P. Milligan, L. Price
Seating charts	III:1 39	R. Beeman
Slides	IV:2 78	July '83 TUG meeting
Spanish	II:2 A-12	M. Díaz
Strings		
testing for ~ equivalence	II:3 61	L. Price
testing for the null ~	II:1 60, 77	A. Keller
	II:2 51-51	M. Spivak
Struts	IV:1 35-36	B. Beeton

Syntax charts	II:3 39-56	M. Plass
Table of Contents	II:1 60, 62, 86	A. Keller
	II:1 111-118	L. Price
	II:2 A-27-28	M. Díaz
	II:3 24	B. Beeton
Tables		
paragraphs in ~	II:2 A-25-27	M. Díaz
III:2 38		Problems column
Testing		
integral values	II:1 119-120	P. Milligan, L. Price
math-style (display, script or scriptscript)	II:2 46	B. McKay
for string equivalence	II:3 61	L. Price
for the null string	II:1 60,77	A. Keller
	II:2 51-52	M. Spivak
Theorems	II:2 A-31-32	M. Díaz
Top, baseline set to ~ of box	II:1 60, 77	A. Keller
Transparencies	IV:2 78	July '83 TUG meeting
TUGboat submissions	II:1 53-54	B. Beeton
	II:3 25	B. Beeton
Underlining	II:1 59, 73	A. Keller
	II:2 A-13	M. Díaz
Uppercase letters		
dropped initial	IV:2 81	Problems column
first line of paragraph	IV:2 80	Problems column
large ~ at beginning of paragraph	II:1 60, 78	A. Keller
	II:2 A-16	M. Díaz
	IV:2 81	Problems column
Roman numerals	II:1 120-121	P. Milligan, L. Price
Verbatim		
mode	II:1 59-60, 74-76	A. Keller
	II:2 A-16-18, 36	M. Díaz
program (SAIL)	II:1 87-93	L. Price, P. Milligan
program (Pascal)	II:1 94-97	L. Price, P. Milligan
Vertical text	II:3 64	TeXarcana Class

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Problems

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Two problems have been submitted by Jim Sterken, Textset Inc. Both deal with the special treatment often given to the first line of the first paragraph of a document.

First line of paragraph all caps
 A test for *Ars Orientalis* required the following:
 TWO OWL-SHAPED TSUN^a ATTRIBUTED TO EITHER the Shang or Chou dynasty were examined in the Freer Technical Laboratory to determine their materials, method of manufacture, and age. . .

The first line is in all caps, 8pt instead of 10pt. To do this, I cheated and made the first line with `"\hbox{T\eightpoint\rm WO OWL-SHAPED...}"`.