

Indian T_EX Users Group

URL: http://www.river-valley.com/tug



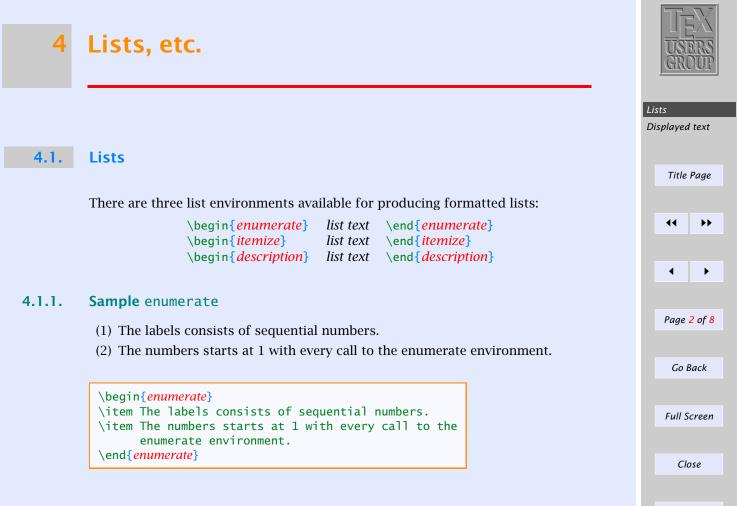
On-line Tutorial on PTEX

The Tutorial Team Indian T_EX Users Group, SJP Buildings, Cotton Hills Trivandrum 695014, INDIA 2000

Prof. (Dr.) K. S. S. Nambooripad, Director, Center for Mathematical Sciences, Trivandrum, (Editor); Dr. E. Krishnan, Reader in Mathematics, University College, Trivandrum; T. Rishi, Focal Image (India) Pvt. Ltd., Trivandrum; L. A. Ajith, Focal Image (India) Pvt. Ltd., Trivandrum; A. M. Shan, Focal Image (India) Pvt. Ltd., Trivandrum; C. V. Radhakrishnan, River Valley Technologies, Software Technology Park, Trivandrum constitute the TucIndia Tutorial team

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4.1.2. Sample itemize

- The individual entries are indicated with a black dot, so-called bullet.
- The text in the entries may be of any length.

4.1.3. Sample description

Purpose: This environment is appropriate when a number of words or expressions are to be defined. This environment is appropriate when a number of words or expressions are to be defined.

Example: It may also be used as an author list in the bibliography.

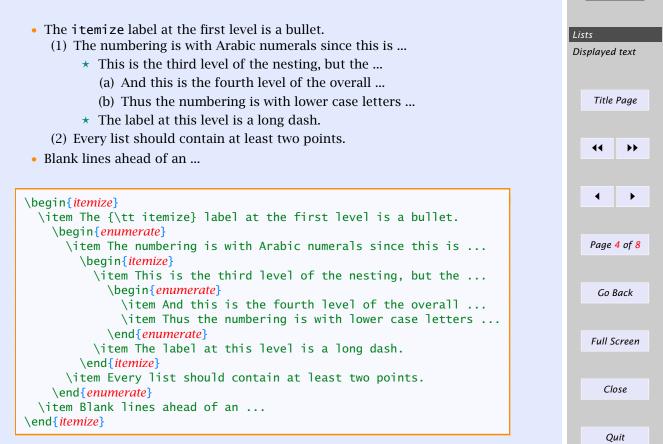
<pre>\begin{description} \item[Purpose:] This environment is appropriate when a number of words or expressions are to be defined. This environment is appropriate when a number of words or expressions are to be defined.</pre>	
\item[<i>Example:</i>] It may also be used as an author list in the bibliography. \end{ <i>description</i> }	



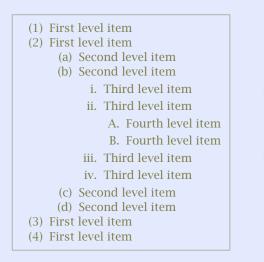
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4.1.4. Nesting of lists

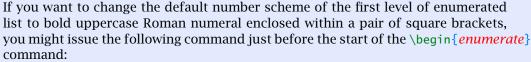
The above lists may be included within one another, either mixed or of one type, to a depth of four levels. An example of a nested list with mixed types:



4.1.5. **Manipulation of list numbers**



The default numbering scheme of list level 1 is Arabic numbers, level 2 is lowercase letters, level 3 is lower case Roman numeral and level 4 is uppercase letters. These numbers can be changed by redefining the commands that typeset the numbers of various list levels. \theenumi, \theenumii, \theenumiii and \theenumiv correspond to the number label in different levels of enumerated lists. \labelenumi, \labelenumii, \labelenumiji and \labelenumiv relate to the attributes of the number label in different levels of itemized lists.



<pre>\renewcommand\theenumi{\Roman{enumi}}</pre>
$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $

[I] First level item [II] First level item

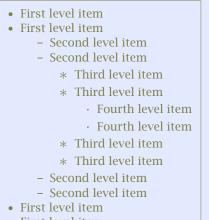
The commands \arabic, \roman, \Roman, \alph, \Alph will yield Arabic number (1,





2, 3, ...), lowercase Roman numeral (i, ii, iii, ...), uppercase Roman numeral (I, II, III, ...), lowercase alphabet (a, b, c, ...) and uppercase alphabet (A, B, C, ...) respectively.

4.1.6. Manipulation of list labels



• First level item

The default label scheme of itemized list level 1 is \textbullet (•), level 2 is \textendash (-) , level 3 is \textasteriskcentered (*) and for level 4 is \textperiodcentered (.). These labels can be changed by redefining the commands that typeset the labels of various list levels. \labelitemi. \labelitemii. \labelitemiii and \labelitemiv correspond to the labels in different levels of itemized lists. If you want to change the default label scheme of the first level of itemized list to unfilled square, you might issue the following command just before the \begin{*itemize*} command:



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\renewcommand\labelitemi{\$\square\$}

□ First level item

□ First level item

4.2. Displayed text

Quite often we might be needed to typeset text material in a different way than the ordinary sentences to highlight its importance. These are normally called *displayed text*. LATEX provides three environments, quote, quotation and verse for displaying your text, the normal usage is shown below:

\begin{ <i>quote</i> }	text	\end{ <i>quote</i> }
\begin{ <i>quotation</i> }	text	\end{ <i>quotation</i> }
\begin{verse}	text	\end{verse}

A section of text will be displayed by indenting it by an equal amount on both sides, with these environments.

4.2.1. Quote and quotation

The example of quote environment given below is self explanatory. The left box gives you the code and right one is the typeset output.

... example of a short displayed
quotation.
\begin{quote}
It's a good idea to make your input
file as easy to read as possible.
\end{quote}

The following is an example of a short displayed quotation.

It's a good idea to make your input file as easy to read as possible.





quote is limited to a single paragraph, while quotation can be used to display texts running to paragraphs.

4.2.2. Poetry

Poetry is displayed with the verse environment. A new stanza is begun with one or more blank lines; lines within a stanza are separated by $\$



WIIO3e rea	atures some poets will curse	
Them do `	ead of making \emph{all} line breaking, s them to put many words on a line when they'd rather be	Title P
forced to <i>verse</i>	be terse.	••
The above c	ode will generate the following output:	•
The above c	ode will generate the following output:	Page 8
The above c	ode will generate the following output: There is an environment for verse Whose features some poets will curse	
The above c	There is an environment for verse	Page 8 Go Ba