The `hang` package provides environments for hanging paragraphs and list items. In addition, it defines environments for labeled paragraphs and list items.

1 Hanging paragraphs and list items

A `hanging` paragraph or list item is a text block where all lines but the first one are indented by some \texttt{(length)}:

\begin{verbatim}
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis.
\end{verbatim}

\begin{itemize}
\item The indentation \texttt{(length)} defaults to \texttt{1em}. It is controlled by the \texttt{\hangingindent} length, which can be changed as follows:
\begin{verbatim}
\setlength{\hangingindent}{\langle length \rangle}
\end{verbatim}
\item The left margin of the whole hanging paragraph or list item equals the \texttt{\hangingleftmargin} length, which defaults to zero. In the above example, it is set to \texttt{1em} with \texttt{\setlength}.
\end{itemize}

1.1 Hanging paragraphs

\begin{verbatim}
\begin{hangingpar}
\langle text \rangle
\end{hangingpar}
\end{verbatim}

1.2 Hanging list items

\begin{verbatim}
\begin{hanginglist}
\item \langle text \rangle
: 
\end{hanginglist}
\end{verbatim}
The \texttt{compacthang} environment sets one or more hanging list items without vertical space:

\begin{compacthang}
\item \langle text \rangle
\end{compacthang}

2 Labeled paragraphs and list items

A \emph{labeled} paragraph or list item consist of a \langle \texttt{label} \rangle and a text block, which is indented by some \langle \texttt{length} \rangle:

\langle \texttt{label} \rangle Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis.

The following environments set the indentation \langle \texttt{length} \rangle to the width of their \langle \texttt{widest\_label} \rangle argument.

\begin{itemize}
\item The \texttt{labeledleftmargin} length, which defaults to zero, too. In the above example, it is again set to 1em.
\end{itemize}

2.1 Labeled paragraphs

\texttt{labeledpar} The \texttt{labeledpar} environment sets single labeled paragraphs:

\begin{itemize}
\item \texttt{labeledpar}{\langle\texttt{widest\_label}\rangle\langle\texttt{label}\rangle\langle text \rangle}
\end{itemize}

2.2 Labeled list items

\texttt{labeledlist} The \texttt{labeledlist} environment sets one or more labeled list items:

\begin{itemize}
\item \texttt{labeledlist}{\langle\texttt{widest\_label}\rangle\langle\texttt{label}\rangle\langle text \rangle}
\end{itemize}

\texttt{compactlabel} The \texttt{compactlabel} environment sets one or more labeled list items without vertical space:

\begin{itemize}
\item \texttt{compactlabel}{\langle\texttt{widest\_label}\rangle\langle\texttt{label}\rangle\langle text \rangle}
\end{itemize}