

hang – environments for hanging paragraphs and list items

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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 $\langle length \rangle$:

 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis.

`\hangingindent` In the following environments, the indentation $\langle length \rangle$ is controlled by the `\hangingindent` length, which can be changed as follows:

```
\setlength{\hangingindent}{\langle length \rangle}
```

By default, it is set to `1em`.

`\hangingleftmargin` The left margin of the whole hanging paragraph or list item equals the `\hangingleftmargin` length, which defaults to zero. In the above example, it is set to `1em` with `\setlength`.

1.1 Hanging paragraphs

`hangingpar` The `hangingpar` environment sets *single* hanging paragraphs:

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

1.2 Hanging list items

`hanginglist` The `hanginglist` environment sets one or more hanging list items:

```
\begin{hanginglist}
\item \langle text \rangle
:
\end{hanginglist}
```

`compacthang` The `compacthang` environment sets one or more hanging list items without vertical space:

```
\begin{compacthang}
\item <text>
:
\end{compacthang}
```

2 Labeled paragraphs and list items

A *labeled* paragraph or list item consist of a *<label>* and a text block, which is indented by some *<length>*:

<label> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis.

The following environments set the indentation *<length>* to the width of their *<widest_label>* argument.

`\labeledleftmargin` The left margin of the whole labeled paragraph or list item (including the *<label>*) equals the `\labeledleftmargin` length, which defaults to zero, too. In the above example, it is again set to `1em`.

2.1 Labeled paragraphs

`labeledpar` The `labeledpar` environment sets *single* labeled paragraphs:

```
\begin{labeledpar}{<widest_label>}{<label>}
<text>
\end{labeledpar}
```

2.2 Labeled list items

`labeledlist` The `labeledlist` environment sets one or more labeled list items:

```
\begin{labeledlist}{<widest_label>}
\item[<label>]<text>
:
\end{labeledlist}
```

`compactlabel` The `compactlabel` environment sets one or more labeled list items without vertical space:

```
\begin{compactlabel}{<widest_label>}
\item[<label>]<text>
:
\end{compactlabel}
```