

1

```

\hfil                \vfil
\hfill               \vfill

```

These commands produce infinitely stretchable horizontal and vertical glue that overwhelms any finite stretch that may be present. `\hfil` and `\hfill` produce horizontal glue, while `\vfil` and `\vfill` produce vertical glue.

`\hfill` is infinitely larger than `\hfil`. If both `\hfill` and `\hfil` appear in the same box, the `\hfill` will consume all the available extra space and the `\hfil` will be effectively ignored. `\hfill` can in turn be overwhelmed by `\hskip 0pt plus 1filll`. The glue produced by `\hfil` and `\hfill` never shrinks.

The behavior of `\vfil` and `\vfill` is analogous.

Example:

```
\hbox to 2in{Left\hfil Middle \hfil Right}
```

produces:

```

Left           Middle           Right
|-----|-----|-----|-----| 2 in

```

Example:

```
\hbox to 2in{Left\hfil Middle \hfill Right}
```

produces:

```

LeftMiddle           Right
|-----|-----|-----|-----| 2 in

```

Example:

```

\leftline{%
\ vbox to 4pc{%
  \hbox{Top}\vfil\hbox{Middle}\vfil \hbox{Bottom}}\quad
\ vbox to 4pc{%
  \hbox{Top}\vfil\hbox{Middle}\vfill\hbox{Bottom}}}}

```

produces:

```

Top      Top
Middle   Middle
Bottom  Bottom

```