

# More Than Tabular

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multicolumn	
hello	world
hello	world

```
% multicolumn
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|c|}{multicolumn} \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
```

multirow	hello
	world
hello	world

```
% multirow
\usepackage{multirow}
\begin{tabular}{|c|c|}
\hline \multirow{2}{*}{multirow} & hello \\
\cline{2-2} & world \\
\hline hello & world \\
\hline
\end{tabular}
```

diag	split	Mon
	1	hello
	2	world

```
% diagonal split
\usepackage{slashbox}
\begin{tabular}{|c|c|}
\hline \backslashslashbox{diag}{split} & Mon \\
\hline 1 & hello \\
\hline 2 & world \\
\hline
\end{tabular}
```

<b>hello</b>	WORLD
<b>hello</b>	WORLD
<b>hello</b>	WORLD

```
% typesetting column
\begin{tabular}{|>{\bf}c|>{\sc}c|}
\hline hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
```

hello	world
hello	world
hello	world

hello	world
hello	world
hello	world

Table 1: Longtable

long	table
long	table
long	table
long	table

hello	world
hello	world
hello	world

Table 2: A Table with Caption

hello	world
hello	world
hello	world

Tab 3: A Table with Caption

```
% color column
\usepackage{colortbl}
\begin{tabular}{|>{\columncolor{yellow}}c|
               >{\columncolor[gray]{.7}}c|}
\hline hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
```

```
% color row
\usepackage{colortbl}
\begin{tabular}{|c|c|}
\hline \rowcolor{cyan} hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
```

```
% longtable (cross a page)
\usepackage{longtable}
\begin{longtable}{|c|c|}
\caption{Longtable} \\
\hline long & table \\
\hline long & table \\
\hline long & table \\
\hline long & table \\
\hline
\end{longtable}
```

```
% with caption
\begin{table}[h]\begin{center}
\begin{tabular}{|c|c|}
\hline hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
\caption{A Table with Caption}
\end{center}\end{table}
```

```
% change the caption prefix
\begin{table}[h]\begin{center}
\begin{tabular}{|c|c|}
\hline hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
\renewcommand{\tablename}{Tab}
\caption{A Table with Caption}
\end{center}\end{table}
```

hello	world
hello	world
hello	world

Table 4. A Table with Caption

```
% change the caption prefix delimiter
\usepackage{caption2}
\begin{table}[h]\begin{center}
\begin{tabular}{|c|c|}
\hline hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
\renewcommand{\captionlabeldelim}{.}
\caption{A Table with Caption}
\end{center}\end{table}
```

hello	world	hello	world	hello
hello	world	hello	world	hello
hello	world	hello	world	hello

```
% make a wide tabular stick centered
\makebox[\textwidth]{
\begin{tabular}{|c|c|c|c|c|}
\hline hello & world & hello & world & hello \\
\hline hello & world & hello & world & hello \\
\hline hello & world & hello & world & hello \\
\hline
\end{tabular}}
\end{tabular}}
```

world	world	world
hello	hello	hello

```
% 90 degree rotation
\usepackage{rotating}
\begin{center}
\begin{rotate}{90}
\begin{tabular}{|c|c|}
\hline hello & world \\
\hline hello & world \\
\hline hello & world \\
\hline
\end{tabular}
\end{rotate}
\end{center}
```

Table 5: A Table with Footnotes

hello	world	hello	world <sup>a</sup>
hello	world	hello	world
hello	world	hello	world

<sup>a</sup> footnote here

```
% footnote
\usepackage{threeparttable}
\begin{threeparttable}
\caption{A Table with Footnotes}
\begin{tabular}{|c|c|c|c|}
\hline hello & world & hello & world\tnote{a} \\
\hline hello & world & hello & world \\
\hline hello & world & hello & world \\
\hline
\end{tabular}
\begin{tablenotes}
\item[a] footnote here
\end{tablenotes}
\end{threeparttable}
```