

# Package fbox

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This package redefines the  $\LaTeX$ -macro `\fbox` to allow an optional argument:

```
\fbox*[\<optargs>]{\<contents>}
\fpabox*[\<optargs>]{\<contents>}
```

The star version does not put any horizontal space before or behind the argument if no optional argument `l` or `r` is given. The non star version always inserts `\fboxsep`.

`\fpabox` uses the current `\linewidth` minus two times the box sep and boxrule width. It does *not* a test for an existing paragraph indenting. It has do be done by the user, e.g.:

```
\noindent
\fpabox ...
```

The optional argument can be

**boxrule** The rule width is predefined to the current value of `\fboxrule` (0.4pt)

**boxsep** The box separation is predefined to the current value of `\fboxsep` (3pt)

**<letters>** Any combination of the letters `l`, `r`, `b`, and `t`, or altenatively `L`, `R`, `B`, and `T` for `l`left, `r`right, `b`ottom, and `t`op of the frame parts. A missing or an empty argument is the same as the default `\fbox` command from standard  $\LaTeX$ .

foo gar baz	<code>1 \fbox{foo gar baz}</code>
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foo gar baz	<code>1 \fbox[] {foo gar baz}</code>
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foo gar baz	foo gar baz	foo gar baz	<code>1 \fbox[rbt]{foo gar baz}</code>
			<code>2 \fbox[brt]{foo gar baz}</code>
			<code>3 \fbox[bRT]{foo gar baz}</code>

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Thanks to Rolf Niepraschk

foo gar baz foo gar baz foo gar baz

```
1 \fbox*[rbt]{foo gar baz}
2 \fbox*[brt]{foo gar baz}
3 \fbox*[bRT]{foo gar baz}
```

foo gar baz

```
1 \fbox[1T]{foo gar baz}
```

foo gar baz

```
1 \fbox*[1T]{foo gar baz}
```

foo gar baz

```
1 \fbox[bT]{foo gar baz}
```

foo gar baz

```
1 \fbox*[bT]{foo gar baz}
```

foo gar baz

```
1 \fbox[Br]{foo gar baz}
```

foo gar baz

```
1 \fbox*[Br]{foo gar baz}
```

foo gar baz

```
1 \fbox[bT,boxrule=5pt]{foo gar baz}
```

foo gar baz

```
1 \fbox*[bT,boxrule=5pt]{foo gar baz}
```

foo gar baz

```
1 \fbox[Br,boxrule=5pt]{foo gar baz}
```

foo gar baz

```
1 \fbox*[boxrule=5pt,Br]{foo gar baz}
```

foo gar baz

```
1 \fbox*[boxsep=5mm,bT,boxrule=2pt]{foo gar baz}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
1 \fparbox{\demoText}
```

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Equipped with the talking points above, you're  
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tected.

```
1 \fparbox[]{\demoText}
```

DuckDuckGo! Time to spread the word!  
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DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're ready to help anyone search and browse protected.

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're ready to help anyone search and browse protected.

```
1 \fparbox[rbt]{\demoText}
2 \fparbox[brt]{\demoText}
3 \fparbox[bRT]{\demoText}
```

DuckDuckGo! Time to spread the word!  
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```
1 \fparbox*[rbt]{\demoText}
2 \fparbox*[brt]{\demoText}
3 \fparbox*[bRT]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're ready to help anyone search and browse protected.

```
1 \fparbox[1T]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're ready to help anyone search and browse protected.

```
1 \fparbox*[1T]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're ready to help anyone search and browse protected.

```
1 \fparbox[bT]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're ready to help anyone search and browse protected.

```
1 \fparbox*[bT]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox[Br]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox*[Br]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox[bT,boxrule=5pt]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox*[bT,boxrule=5pt,boxsep=6pt]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox*[bT,boxrule=3pt,boxsep=10pt]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox[Br,boxrule=5pt,boxsep=10pt]{\demoText}
```

DuckDuckGo! Time to spread the word!  
Equipped with the talking points above, you're  
ready to help anyone search and browse pro-  
tected.

```
\fparbox*[boxrule=5pt,Br]{\demoText}
```