

Package fbox

—

0.04 (January 3, 2020)

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January 3, 2020

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 of any combination of the letters `l`, `r`, `b`, and `t` or altenatively `L`, `R`, `B`, and `T`. This `l`eft, `r`ight, `b`ottom, and `t`op for the frame parts. A missing or an empty argument is the same as the default `\fbox` from standard \LaTeX .

| |
|-------------|
| foo gar baz |
|-------------|

```
1 \fbox{foo gar baz}
```

| |
|-------------|
| foo gar baz |
|-------------|

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

| | | |
|-------------|-------------|-------------|
| 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 | foo gar baz | foo gar baz |
|-------------|-------------|-------------|

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

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Thanks to Rolf Niepraschk

| | |
|--|---|
| <div>foo gar baz</div> | <code>1\fbbox[1T]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\fbbox*[1T]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\fbbox[bT]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\fbbox*[bT]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\fbbox[Br]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\fbbox*[Br]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\setlength\fbboxrule{5pt}</code> <code>2\fbbox[bT]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\setlength\fbboxrule{5pt}</code> <code>2\fbbox*[bT]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\setlength\fbboxrule{5pt}</code> <code>2\fbbox[Br]{foo gar baz}</code> |
| <div>foo gar baz</div> | <code>1\setlength\fbboxrule{5pt}</code> <code>2\fbbox*[Br]{foo gar baz}</code> |
| <div>DuckDuckGo! Time to spread the word! Equipped with the talking points above, you're ready to help anyone search and browse pro- tected.</div> | <code>1\fpabox{\demoText}</code> |
| <div>DuckDuckGo! Time to spread the word! Equipped with the talking points above, you're ready to help anyone search and browse pro- tected.</div> | <code>1\fpabox[]{\demoText}</code> |
| <div>DuckDuckGo! Time to spread the word! Equipped with the talking points above, you're ready to help anyone search and browse pro- tected.</div> | |
| <div>DuckDuckGo! Time to spread the word! Equipped with the talking points above, you're ready to help anyone search and browse pro- tected.</div> | <code>1\fpabox[rbt]{\demoText}</code> <code>2\fpabox[brt]{\demoText}</code> <code>3\fpabox[bRT]{\demoText}</code> |
| <div>DuckDuckGo! Time to spread the word! Equipped with the talking points above, you're ready to help anyone search and browse pro- tected.</div> | |

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

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tected.

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

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tected.

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

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tected.

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

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

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

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tected.

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

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

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```
1\setlength\fbboxrule{5pt}  
2\fpabox[bT]{\demoText}
```

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```
1\setlength\fbboxrule{5pt}  
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```

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