Package fbox

—

0.07 (December 4, 2023)

Herbert Voß[*]

December 4, 2023

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

```
\fbox*[‹optargs›]{‹contents›}
\fparbox*[‹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.

\fparbox 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
\fparbox ...
```

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)

lcolor Color for the left line (black)

tcolor Color for the top line (black)

rcolor Color for the right line (black)

bcolor Color for the bottom line (black)

linewidth linewidth for \fparbox (\linewidth)

<letters> Any combination of the letters l, r, b, and t, or altenatively L, R, B, and T for l)eft, 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.

---

[*]hvoss@tug.org
  Thanks to Rolf Niepraschk

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

foo gar baz

```
1 \fbox[rbt]{foo gar baz}
2 \fbox[rbt,boxrule=4pt,rcolor=red,
3   tcolor=green]{foo gar baz}
4 \fbox[brt]{foo gar baz}
5 \fbox[bRT]{foo gar baz}
```

foo gar baz foo gar baz foo gar baz

foo gar baz

```
1 \fbox*[rbt]{foo gar baz}
2 \fbox[rbt,boxrule=4pt,rcolor=red,
3   tcolor=green]{foo gar baz}
4 \fbox*[brt]{foo gar baz}
5 \fbox*[bRT]{foo gar baz}
```

foo gar baz

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

foo gar baz

```
1 \fbox*[lT]{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,bcolor=red]{foo gar baz}
```

foo gar baz

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

foo gar baz

```
1 \fbox*[boxsep=5mm,bT,tcolor=green,
2   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 protected.

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

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.

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,bcolor=red,rcolor=blue,
2    tcolor=red]{\demoText}
3 \fparbox[brt]{\demoText}
4 \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.

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,rcolor=blue,
4    tcolor=green]{\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[lT]{\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*[lT]{\demoText}
```

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[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.

```
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.

```
1 \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.

```
1 \fparbox*[Br]{\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,boxrule=5pt]{\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,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
protected.

```
1 \fparbox*[bT,boxrule=5pt,boxsep=6pt,
2   linewidth=0.75\linewidth]{\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,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 protected.

```
1 \fparbox*[bT,boxrule=3pt,boxsep=10pt,
2   linewidth=7cm]{\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[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 protected.

```
1 \fparbox*[boxrule=5pt,Br,
2   bcolor=red!40,rcolor=blue!40]{\demoText}
```