

1.1 One Autowidth Option Selected

(i) `\l__listings_autowidth_title_dim <= \linewidthoutside`

1 Long
→ short
→ text

This title should break and be of width `\linewidthoutside`

1 Long short text

Julia.

```
2 \mywidth = 313.45552pt
```

1

This should have breaklines disabled.

1 

(ii)

This should have breaklines enabled.

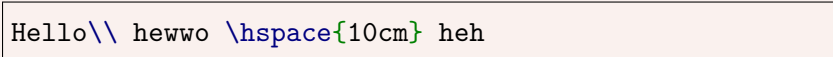
1 

(c) `autowidth = lower`

(i) `\l__listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arabic{code}}`

The following box should have width equal to the linewidth.

T_EX.

1 

Hello

hewwo

heh

(ii) `\l__listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arabic{code}}`

The following box should have width equal to the width of the `\tcblower`.

Long long long long long long long long
long long long title.

1 

Hello

hewwo

heh

(iii) `\l__listings_autowidth_lower_dim < \eqboxwidth{codeupperwidth\arabic{code}}`

The following box should have width equal to that of the `\tcblower`.

T_EX.

Hello\\

↪ hewwo\\

↪ heh

Hello

hewwo

heh

1.2 Two Autowidth Options Selected

(a) `autowidth = title + upper`

(i) `\l__listings_autowidth_title_dim <= \linewidthoutside`

This box should be of width `\l__listings_autowidth_title_dim`

smol.

1

Long short text

(ii) `\l__listings_autowidth_title_dim > \linewidthoutside`

This title should break and be of width `\linewidthoutside`

Super long title.

1

Long short text

(iii) i.

Julia.

1

`\xdef\mywidth{\the\linewidth}\mywidth`

2

`\mywidth = 289.9374pt`

ii.

This should have breaklines disabled.

1

This should also have breaklines disabled (But the title should break).

1

iii.

This should have breaklines enabled.

1

↪

This should also have breaklines disabled (But the title should break).

1

↩

(b) `autowidth = title + lower`

(i) `\l__listings_autowidth_title_dim <= \linewidthoutside`

This box should be of width `\l__listings_autowidth_title_dim`

smol.

1

Long short text

(ii) `\l__listings_autowidth_title_dim > \linewidthoutside`

This title should break and be of width `\linewidthoutside`

Super long title.

1

Long short text

(iii) `\l__listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arabic{code}}`

The following box should have width equal to the linewidth.

T_EX.

1

Hello\\ hewwo \hspace{10cm} heh

Hello

hewwo

heh

(iv) `\l__listings_autowidth_title_dim >= \l__listings_autowidth_lower_dim`
`>= \eqboxwidth{codeupperwidth\arabic{code}}`

The following box should have width equal to the width of the title

Long long long long long long long long long title.

1

Hello\\ hewwo \hspace{5cm} heh

Hello

hewwo

heh

(v) `\l__listings_autowidth_lower_dim < \eqboxwidth{codeupperwidth\arabic{code}}`

The following box should have width equal to that of the `\tcblower`.

T_EX.

Hello\\
 ↪ hewwo\\
 ↪ heh

 Hello
 hewwo
 heh

(c) autowidth = upper + lower

Julia.

```
1 \xdef\mywidth{\the\linewidth}\mywidth
2 \mywidth = 310.41388pt
```

(i)

This should have breaklines disabled.

```
1 \hspace{\mywidth}
```

(ii)

This should have breaklines enabled.

```
1 \hspace{\mywidth+0.00001pt}
```

(iii) `\l__listings_autowidth_lower_dim >= \l__listings_autowidth_upper_dim`

The following box should have width equal to the linewidth.

T_EX.

```
1 Hello\\ hewwo \hspace{10cm} heh
```

 Hello
 hewwo

heh

(iv) `\l__listings_autowidth_lower_dim >= \l__listings_autowidth_upper_dim`

The following box should have width equal to the width of the `\tcblower`

Long long long long long long long long
long long long title.

1

Hello\\ hewwo \\hspace{5cm} heh

Hello

hewwo

heh

(v) `\l__listings_autowidth_lower_dim < \l__listings_autowidth_upper_dim`

The following box should have width equal to that of the the width of the upper.

TeX.

Hello\\ hewwo\\ heh

Hello

hewwo

heh

1.3 (All) Three Autowidth Options Selected

(a) `\l__listings_autowidth_upper_dim >= \l__listings_autowidth_<title, lower>_dim`

This box should be of width `\l__listings_autowidth_upper_dim`

smol.

1

Long short text

Long short text

(b) `\l__listings_autowidth_lower_dim >= \l__listings_autowidth_<title, upper>_dim`

This box should be of width `\l__listings_autowidth_lower_dim`

smol.

1

\\hspace{10cm}

(c) `\l__listings_autowidth_title_dim >= \l__listings_autowidth_<upper, lower>_dim`

This title should break and be of width `\linewidthoutside`

Super long long long long long long long long long title.

1

Long short text\\

2

Test \\hspace{8.5cm} testo

Long short text

Test

testo

This title should break and be of width `\linewidthoutside`

2 Test \hspace{10cm} testo

Long short text

Test

testo

(e)

Julia.

```
1 \xdef\mywidth{\the\linewidth}\mywidth
```

```
2 \mywidth = 348.53072pt
```

This should have breaklines disabled.

1 \hspace{\mywidth}

(f)

This should have breaklines enabled.

```
1 \hspace{\mywidth+0.00001pt}
```

ModifiedNewTCBInputListing

Julia.

```
1 using LinearAlgebraX
```

Text.

```
1 Hello
```