

## 1.1 One Autowidth Option Selected

(i) `\l__listings_autowidth_title_dim <= \linewidthoutside`

smol.

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.

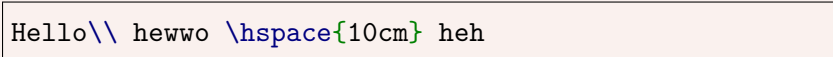
1 

(c) `autowidth = lower`

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

The following box should have width equal to the linewidth.

**T<sub>E</sub>X.**

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<sub>E</sub>X.**

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<sub>E</sub>X.**

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<sub>E</sub>X.**

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<sub>E</sub>X.**

```
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



upper: 0.0pt

lower: 0.0pt

(d) \g\_\_listings\_autowidth@core\_measured\_text\_width\_dim: 0.0pt

(e) \g\_\_listings\_autowidth@core\_measured\_width\_dim: 0.0pt

(f) \g\_\_listings\_autowidth@core\_max\_tcb\_text\_width\_dim: 0.0pt

(g) \g\_\_listings\_autowidth@core\_max\_tcb\_width\_dim: 416.83289pt