

## Last successful compile: 2025-10-02 06:46:49Z

This file is a compilation of various uses of the listing boxes generated with `\ModifiedNewTCBListing` and `\ModifiedNewTCBInputListing`. In this way, robustness checks are performed to ensure they function correctly—as bug-free as possible.

### Text.

1

Hello

## 1.1 One Autowidth Option Selected

(i) `\l__Prassble_listings_autowidth_title_dim <= \linewidthoutside`

1 Long  
→ short  
→ text

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

```
2 \mywidth = 313.75139pt
```

(i)

This should have no broken line.

1

(ii)

This should have a broken line.

1

↪

(c) `autowidth = lower`

(i) `\l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab`

The following box should have width equal to the linewidth.

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

1

Hello\\ hewwo \hspace{10cm} heh

Hello

hewwo

heh

(ii) `\l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab`

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

(iii) `\l__Prassble_listings_autowidth_lower_dim < \eqboxwidth{codeupperwidth\arab`

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__Prassble_listings_autowidth_title_dim <= \linewidthoutside`

This box should be of width `\l__Prassble_listings_autowidth_title_dim`

**smol.**

1

Long short text

(ii) `\l__Prassble_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 = 290.23326pt`

ii.

**This should have no broken line.**

1

**This should also have no broken line (But the title should break).**

1

iii.

**This should have a broken line.**

1

↪

This should also have a broken line (But the title should break).

1

↪

(b) `autowidth = title + lower`

(i) `\l__Prassble_listings_autowidth_title_dim <= \linewidthoutside`

This box should be of width `\l__Prassble_listings_autowidth_title_dim`

smol.

1

Long short text

(ii) `\l__Prassble_listings_autowidth_title_dim > \linewidthoutside`

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

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

1

Long short text

(iii) `\l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab`

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__Prassble_listings_autowidth_title_dim >= \l__Prassble_listings_autow`  
`>= \eqboxwidth{codeupperwidth\arab`

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

Long long long long long long long long title.

1

Hello\\ hewwo \hspace{5cm} heh

Hello

hewwo

heh

(v) `\l__Prassble_listings_autowidth_lower_dim < \eqboxwidth{codeupperwidth\arab`

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 = 310.70975pt
```

(i)

**This should have no broken line.**

1

(ii)

**This should have a broken line.**

1

↔

(iii) `\l__Prassble_listings_autowidth_lower_dim >= \l__Prassble_listings_autowidth`

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__Prassble_listings_autowidth_lower_dim >= \l__Prassble_listings_autowidth`

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__Prassble_listings_autowidth_lower_dim < \l__Prassble_listings_autowidth_`

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



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

Hello\\ hewwo\\ heh

Hello  
hewwo  
heh

### 1.3 (All) Three Autowidth Options Selected

(a) `\l__Prassble_listings_autowidth_upper_dim >= \l__Prassble_listings_autowidth_` <title>

This box should be of width `\l__Prassble_listings_autowidth_upper_dim`



**smol.**

1 Long short text

Long short text

(b) `\l__Prassble_listings_autowidth_lower_dim >= \l__Prassble_listings_autowidth_` <title>

This box should be of width `\l__Prassble_listings_autowidth_lower_dim`

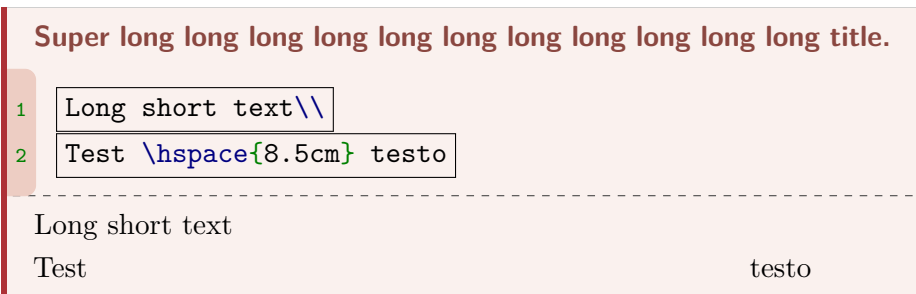


**smol.**

1 \hspace{10cm}

(c) `\l__Prassble_listings_autowidth_title_dim >= \l__Prassble_listings_autowidth_` <upper>

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



**Super long 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

(d) `\l__Prassble_listings_autowidth_title_dim > \linewidthoutside`

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

Super long title.

1 Long short text\\

2 Test \hspace{10cm} testo

Long short text

Test

testo

(e)

Julia.

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

2 \mywidth = 348.8266pt

This should have no broken line.

1 (Without listing and text)

2

(f)

This should have a broken line.

1 (Without listing and text)

2

↪

Text.

1

test

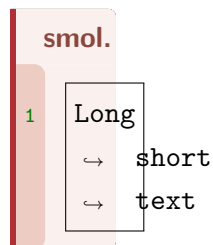


## 2.1 One Autowidth Option Selected

(a) autowidth = title

```
(i) \l__Prassble_listings_autowidth_title_dim <= \linewidthoutside
```

This box should be of width `\l_Prassble_listings_autowidth_title_dim`



(ii) `\l__Prassble_listings_autowidth_title_dim > \linewidthoutside`

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

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

1	Long short text
---	-----------------

(b) autowidth = upper

Text.

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

```
2 \mywidth = 313.75139pt
```

(i)

**This should have no broken line.**

1

(ii)

**This should have a broken line.**

1

↪

(c) `autowidth = lower`(i) `\l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab`

The following box should have width equal to the linewidth.

**Text.**

1

Hello\\ hewwo \hspace{10cm} heh

Hello

hewwo

heh

(ii) `\l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab`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

(iii) `\l__Prassble_listings_autowidth_lower_dim < \eqboxwidth{codeupperwidth\arab`The following box should have width equal to that of the `\tcblower`.**Text.**

Hello\\

↪ hewwo\\

↪ heh



This should have a broken line.

1

↔

This should also have a broken line (But the title should break).

1

↔

(b) `autowidth = title + lower`

(i) `\l__Prassble_listings_autowidth_title_dim <= \linewidthoutside`

This box should be of width `\l__Prassble_listings_autowidth_title_dim`

smol.

1

Long short text

(ii) `\l__Prassble_listings_autowidth_title_dim > \linewidthoutside`

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

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

1

Long short text

(iii) `\l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab`

The following box should have width equal to the linewidth.

Text.

1

Hello\\ hewwo \hspace{10cm} heh

Hello

hewwo

heh

(iv) `\l__Prassble_listings_autowidth_title_dim >= \l__Prassble_listings_autowidth_lower_dim`  
`>= \eqboxwidth{codeupperwidth\arab`

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

Long long long long long long long long title.

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

Hello

hewwo

heh

(v) `\l__Prassble_listings_autowidth_lower_dim < \eqboxwidth{codeupperwidth\arab`

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

Text.

Hello\\

↔ hewwo\\

↔ heh

Hello

hewwo

heh

(c) `autowidth = upper + lower`

Text.

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

```
2 \mywidth = 310.70975pt
```

(i)

This should have no broken line.

```
1
```

(ii)

This should have a broken line.

```
1
```

↔

(iii) `\l__Prassble_listings_autowidth_lower_dim >= \l__Prassble_listings_autowidth`

The following box should have width equal to the linewidth.

**Text.**

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

Hello

hewwo

heh

(iv) `\l__Prassble_listings_autowidth_lower_dim >= \l__Prassble_listings_autowidth`

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__Prassble_listings_autowidth_lower_dim < \l__Prassble_listings_autowidth`

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

**Text.**

```
Hello\\ hewwo\\ heh
```

Hello

hewwo

heh

## 2.3 (All) Three Autowidth Options Selected

(a) `\l__Prassble_listings_autowidth_upper_dim >= \l__Prassble_listings_autowidth` <titl

This box should be of width `\l__Prassble_listings_autowidth_upper_dim`

**smol.**

```
1 Long short text
```

Long short text

(b) `\l__Prassble_listings_autowidth_lower_dim >= \l__Prassble_listings_autowidth` <titl

This box should be of width `\l__Prassble_listings_autowidth_lower_dim`

**smol.**

```
1 \hspace{10cm}
```

(c) `\l__Prassble_listings_autowidth_title_dim >= \l__Prassble_listings_autowidth_title_dim` <upper

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

**Super long 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

(d) `\l__Prassble_listings_autowidth_title_dim > \linewidthoutside`

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

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

```
1 Long short text\\
2 Test \hspace{10cm} testo
```

Long short text

Test testo

(e)

**Text.**

```
1 \xdef\mywidth{\the\linewidth}\mywidth
2 \mywidth = 348.8266pt
```

**This should have no broken line.**

```
1 (Without listing and text)
```

```
2
```

(f)

This should have a broken line.

1 (Without listing and text)

2 ↪

## 2.4 \Inputify

Text.

1 (Without listing and text)

2

Text.

1 (Without listing and text)

2