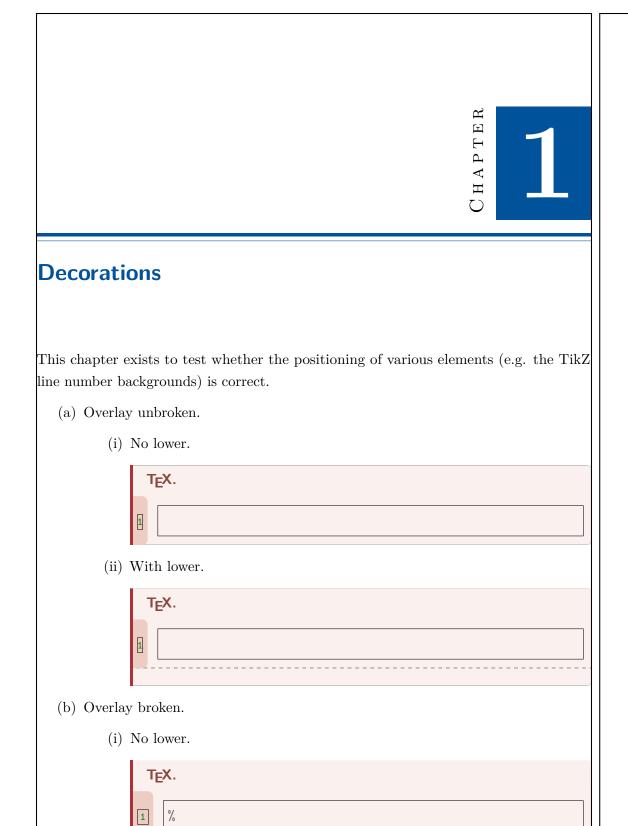
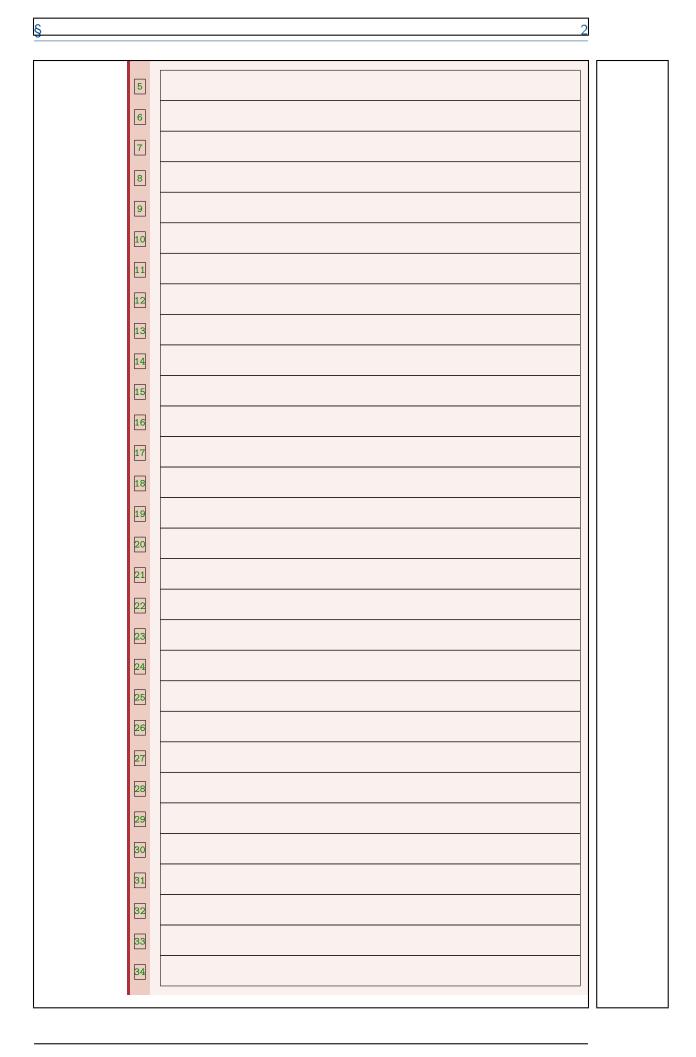
Last success	ful compile: 202	5-10-28 04:0	04:29Z
Γhis file is a compilat	ion of various uses of the list	ing boxes generated	with \NewPCBListin
	isting. In this way, robust as bug-free as possible.	ness checks are perfe	ormed to ensure they
Text.			
1 Hello			

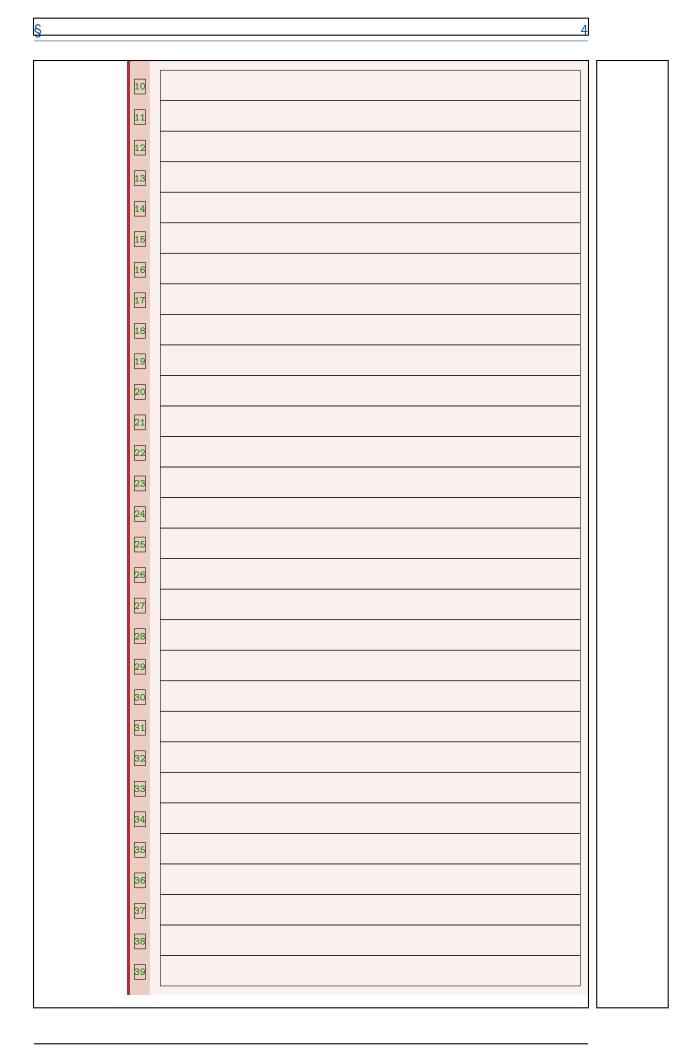
Contents

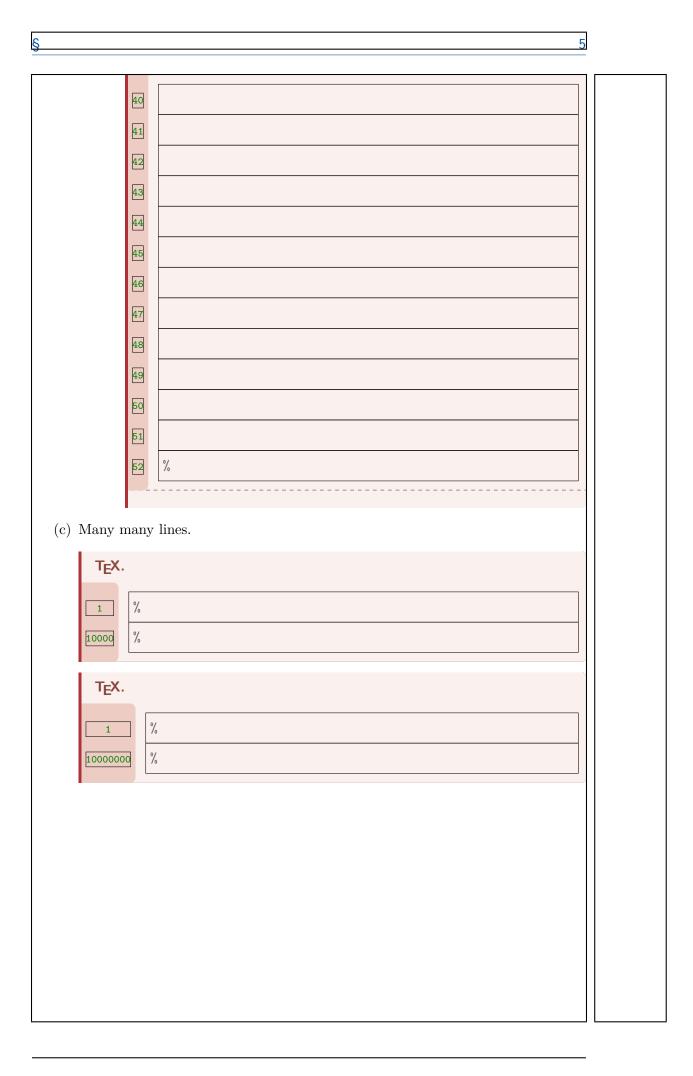
1	Dec	coratio	ns	1
2	Typ	e in tl	hmgroup: inner	6
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	2.2	NewP	CBInputListing	6
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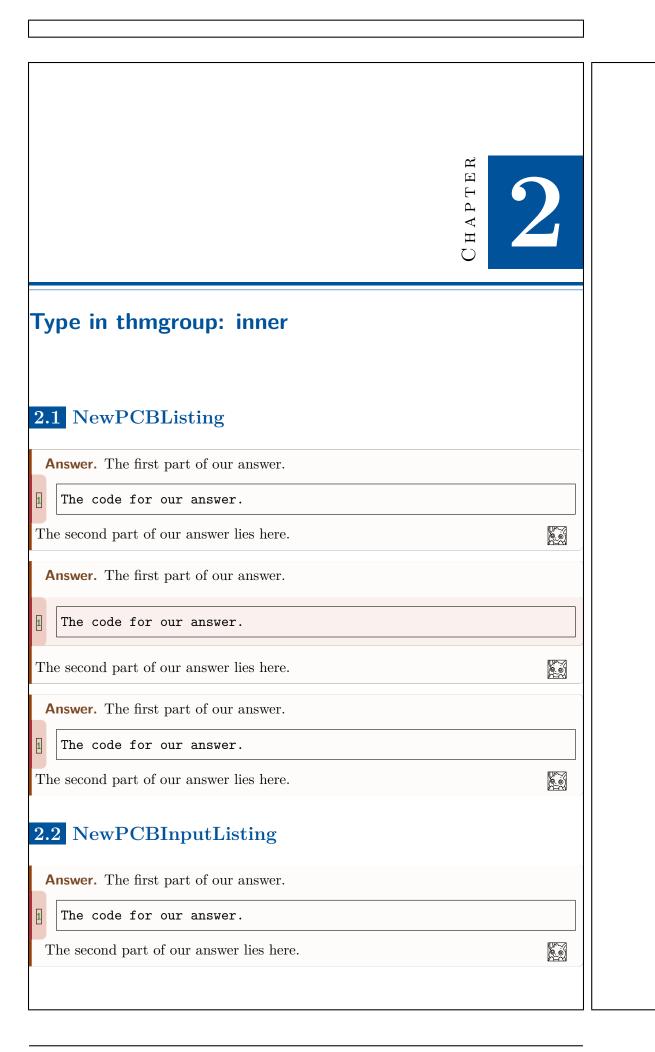




§	3	
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48		
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52	%	
(ii) Wit	h lower	
	EX.	
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4		
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8		
9		









CHAPTER

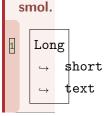
Autowidth

3.1 NewPCBListing

3.1.1 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

smol.



(ii) \l__Prassble_listings_autowidth_title_dim > \linewidthoutside

This title should break and be of width \linewidthoutside



(b) autowidth = upper

Julia.

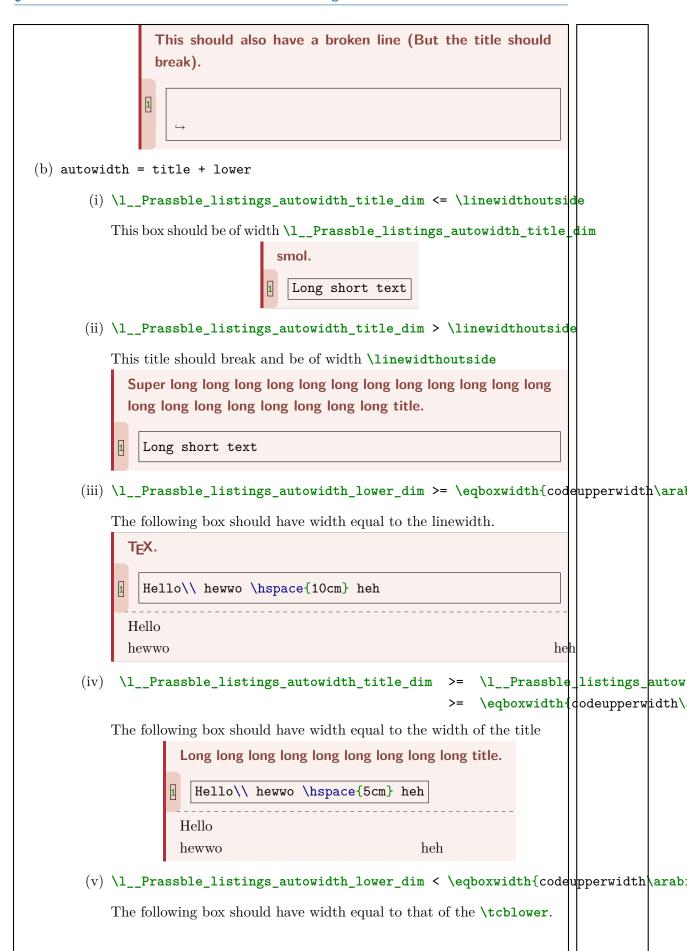
\[\xdef\mywidth{\the\linewidth}\mywidth \\ mywidth = 313.75139pt \]



heh

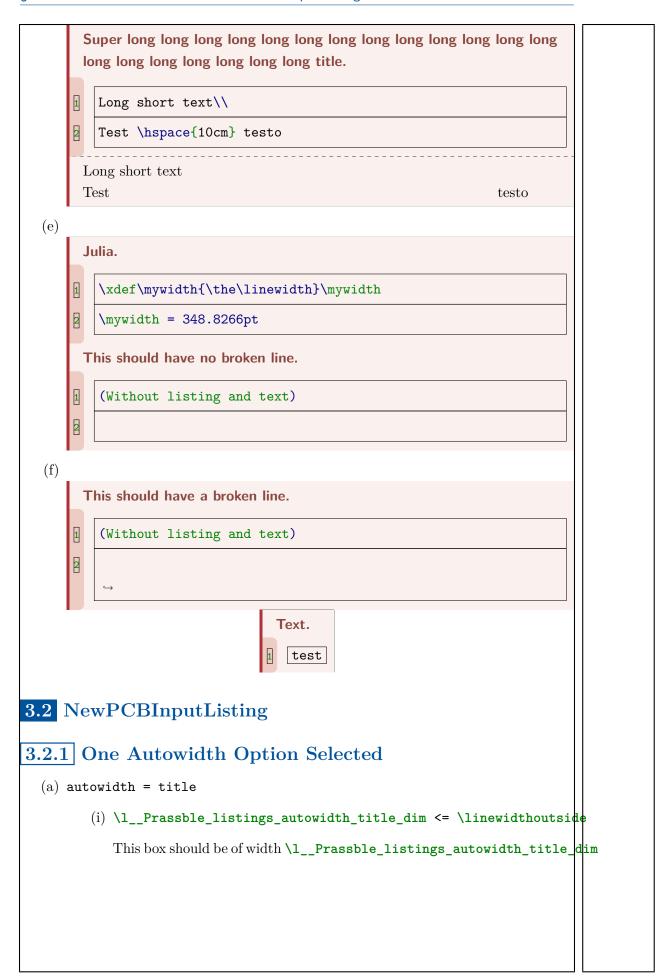
Hello hewwo heh

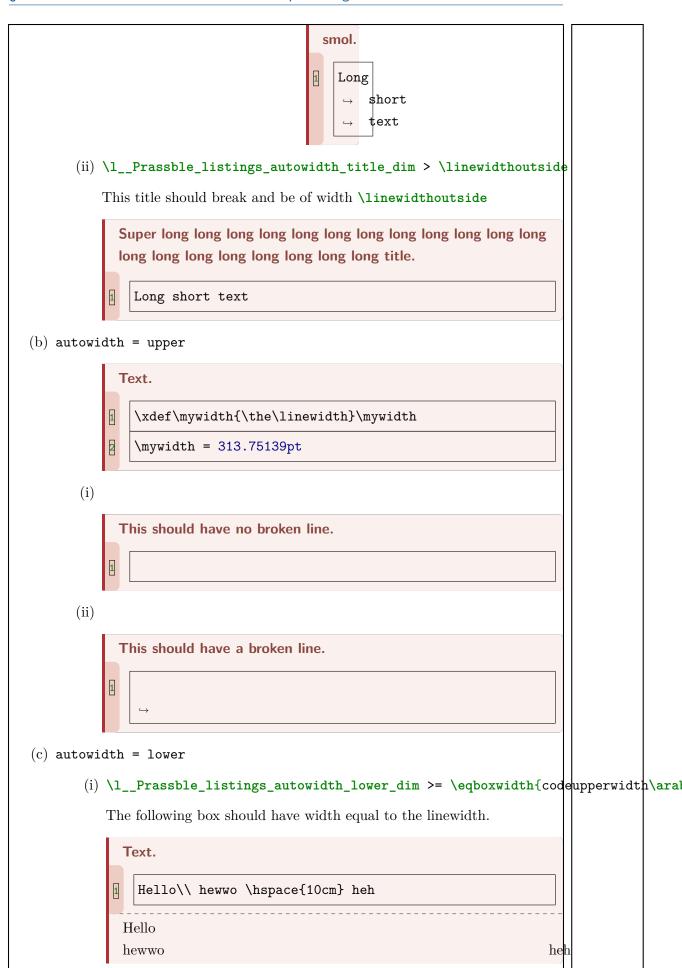
3.1.2 Two Autowidth Options Selected	
(a) autowidth = title + upper	
(i) \lPrassble_listings_autowidth_title_dim <= \linewidthoutside	ile
This box should be of width \lPrassble_listings_autowidth_title_	dim
smol.	
Long short text	
$(\mathrm{ii})\ \label{listings_autowidth_title_dim} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Э
This title should break and be of width \linewidthoutside	
Super long long long long long long long long	
Long short text	
(iii) i.	
Julia.	
<pre>[] \xdef\mywidth{\the\linewidth}\mywidth</pre>	
mywidth = 290.23326pt	
ii.	
This should have no broken line.	
This should also have no broken line (But the title should break).	
iii.	
This should have a broken line.	
1	



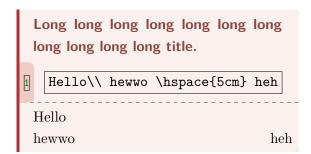
	_	_
T _E X. Hello\\ → hewwo\\ → heh Hello hewwo heh		
(c) autowidth = upper + lower		
Julia.		
\xdef\mywidth{\the\linewidth}\mywidth		
\mywidth = 310.70975pt		
(i)		
This should have no broken line.		
(ii)		
This should have a broken line.		
\hookrightarrow		
(iii) \1 Progghlo ligtings outquidth lover dim \= \1 Progghlo li	iatinga sut	
(iii) \lPrassble_listings_autowidth_lower_dim >= \lPrassble_l:	ustings_aut	DWIGL
The following box should have width equal to the linewidth.		
T _E X.		
Hello\\ hewwo \hspace{10cm} heh		
Hello	-	
hewwo	e h	
(iv) \lPrassble_listings_autowidth_lower_dim >= \l_Prassble_listings_autowidth_lower_dim >= \l_Prassble_listings_autowidth_lower_dim >= \l_Prassble_listings_autowidth_lower_dim >= \lambda_listings_autowidth_lower_dim >=	 istings_aut	pwidt
The following box should have width equal to the width of the \tcblower		
Long long long long long long		
long long long title.		
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_EX. Hello\\ hewwo\\ heh Hello hewwo heh 3.1.3 (All) Three Autowidth Options Selected (a) \l__Prassble_listings_autowidth_upper_dim >= \l__Prassble_listings_autowidth_\(\forall titl) This box should be of width \l__Prassble_listings_autowidth_upper_dim Long short text (b) \l_Prassble_listings_autowidth_lower_dim >= \l_Prassble_listings_autowidth_\langle\titl This box should be of width \l_Prassble_listings_autowidth_lower_dim \hspace{10cm} (c) \l__Prassble_listings_autowidth_title_dim >= \l__Prassble_listings_autowidth_\langle\uppe This title should break and be of width \linewidthoutside Long short text\\ 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

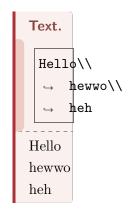




(ii) \l__Prassble_listings_autowidth_lower_dim >= \eqboxwidth{codeupperwidth\arab



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



3.2.2 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



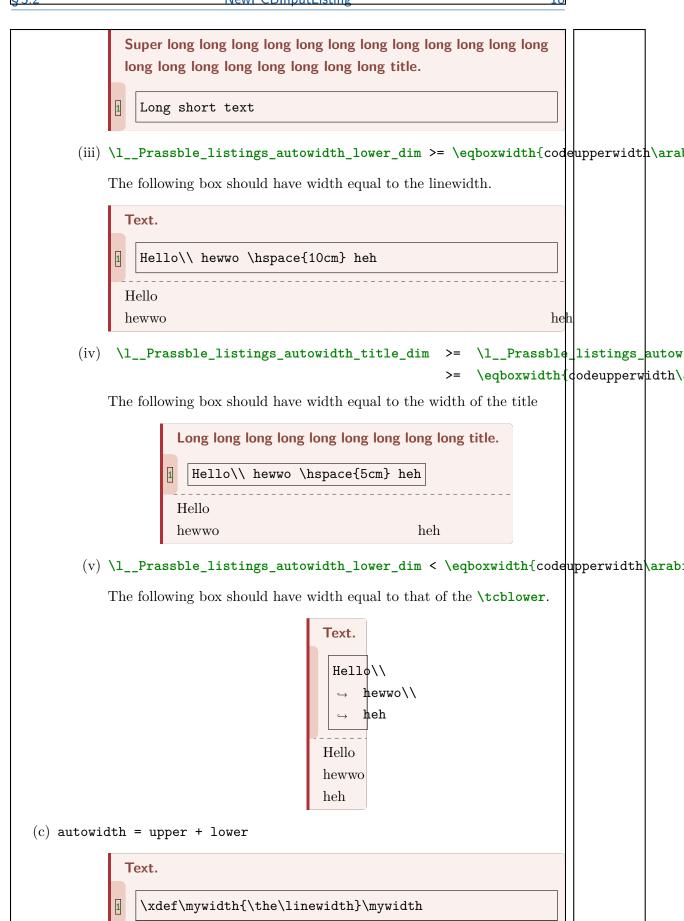
(ii) \l__Prassble_listings_autowidth_title_dim > \linewidthoutside

This title should break and be of width \linewidthoutside

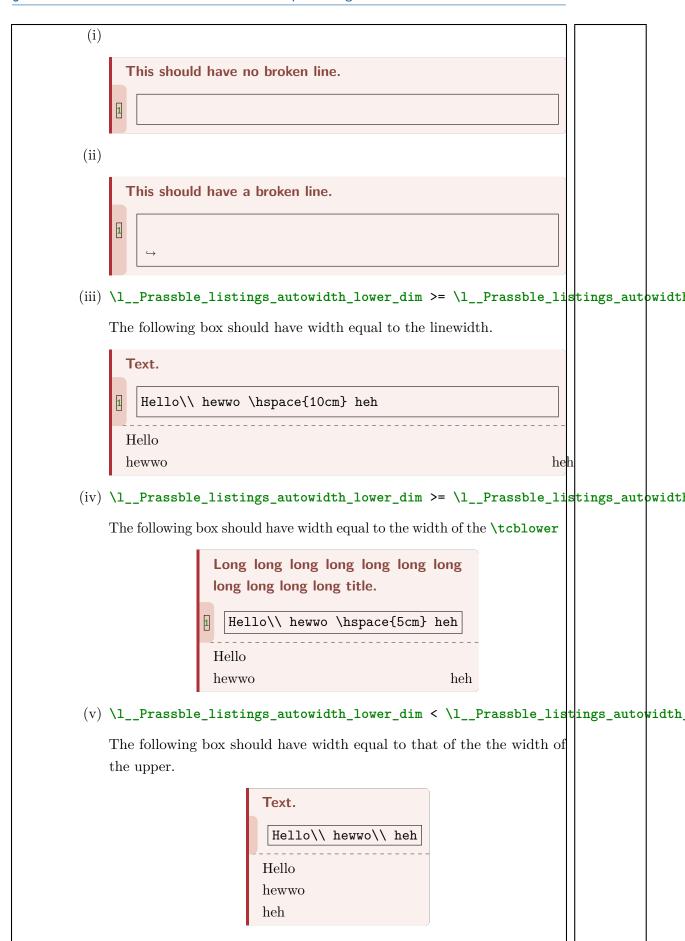
Long short text

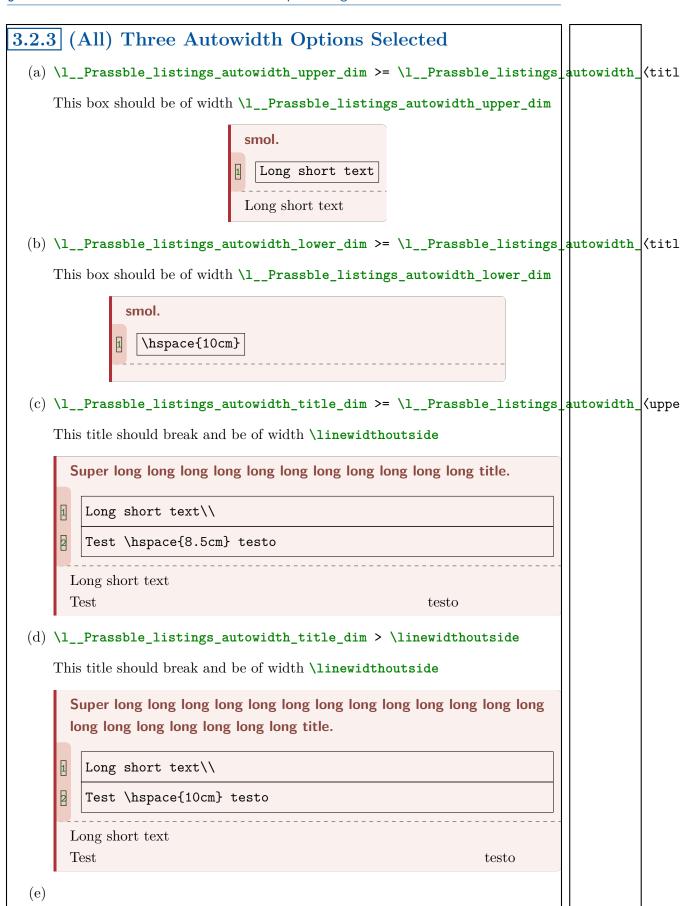
(iii)

Text.
Text.
\xdef\mywidth{\the\linewidth}\mywidth
\mywidth = 290.23326pt
ii.
This should have no broken line.
This should also have no broken line (But the title should break).
iii.
This should have a broken line.
This should also have a broken line (But the title should break).
(b) autowidth = title + lower
$(i) \ \label{linear} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
This box should be of width \lPrassble_listings_autowidth_title_dim
smol. Long short text
$({ m ii})\ \label{linewidth_title_dim} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
This title should break and be of width \linewidthoutside



 $\mbox{mywidth} = 310.70975pt$





```
Text.
          \xdef\mywidth{\the\linewidth}\mywidth
          \mbox{mywidth} = 348.8266pt
        This should have no broken line.
      1
          (Without listing and text)
  (f)
        This should have a broken line.
          (Without listing and text)
      2
3.2.4 \Inputify
 Text.
    (Without listing and text)
2
 Text.
   (Without listing and text)
 T<sub>E</sub>X.
    \subsection{Theorems}
1
2
    Contents of the first subsection of this document
    \begin{theorem} [label=thm:1.1]
3
4
        This is the first theorem.
5
    \end{theorem}
6
    \begin{proof}
7
        This is my proof of the first theorem.
```

		1 -	
8	\end{proof}		
9	%		
10	\subsection{Exercises}		
11	\begin{exercise}[label=ex:1.1]		
12	This is the first exercise.		
13	\end{exercise}		
14	\begin{answer}		
15	This is the first answer to the first exercise.		
16	\end{answer}		
17	%		
18	\Input[HW-In-Main] {1.tex}		
19	%		