Test of the caption package

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Contents

1 Comparison with LaTeX's captions

LaTeX CAPTION

Figure 1: This is a short LaTeX caption.

LaTeX CAPTION

Figure 2: This is a LaTeX caption. This is a LaTeX caption. This is a LaTeX caption. This is a LaTeX caption. This is a LaTeX caption. This is a LaTeX caption.

Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text.

CAPTION CAPTION

Figure 3: This is a short caption caption.

CAPTION CAPTION

Figure 4: This is a caption caption. This is a caption caption. This is a caption caption. This is a caption caption. This is a caption caption. This is a caption caption.

Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text. Here comes some text.

2 Predefined caption styles

NORMAL CAPTION

Figure 5. This is a normal caption. This is a normal caption. This is a normal caption. This is a normal caption. This is a normal caption. This is a normal caption.

CENTER CAPTION

Figure 6. This is a center caption. This is a center caption. This is a center caption. This is a center caption. This is a center caption. This is a center caption.

FLUSHLEFT CAPTION

Figure 7. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption.

FLUSHRIGHT CAPTION

Figure 8. This is a flushright caption. This is a flushright caption. This is a flushright caption. This is a flushright caption. This is a flushright caption. This is a flushright caption.

CENTERLAST CAPTION

Figure 9. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption.

HANG CAPTION

Figure 10. This is a hang caption. This is a hang caption. This is a hang caption. This is a hang caption. This is a hang caption. This is a hang caption.

INDENT CAPTION

Figure 11. This is a indent caption. This is a indent caption. This is a indent caption. This is a indent caption. This is a indent caption. This is a indent caption.

3 \captionwidth

NORMAL CAPTION

Figure 12. This is a normal caption. This is a normal caption. This is a normal caption. This is a normal caption. This is a normal caption. This is a normal caption.

CENTER CAPTION

Figure 13. This is a center caption. This is a center caption. This is a center caption. This is a center caption. This is a center caption. This is a center caption.

FLUSHLEFT CAPTION

Figure 14. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption. This is a flushleft caption.

FLUSHRIGHT CAPTION

Figure 15. This is a flushright caption. This is a flushright caption. This is a flushright caption. This is a flushright caption. This is a flushright caption. This is a flushright caption.

CENTERLAST CAPTION

Figure 16. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption. This is a centerlast caption.

HANG CAPTION

Figure 17. This is a hang caption. This is a hang caption. This is a hang caption. This is a hang caption. This is a hang caption. This is a hang caption.

INDENT CAPTION

Figure 18. This is a indent caption. This is a indent caption. This is a indent caption. This is a indent caption. This is a indent caption. This is a indent caption.

4 The option 'nooneline'

NORMAL CAPTION

Figure 19. This is a short normal caption.

CENTER CAPTION

Figure 20. This is a short center caption.

FLUSHLEFT CAPTION

Figure 21. This is a short flushleft caption.

FLUSHRIGHT CAPTION

Figure 22. This is a short flushright caption.

CENTERLAST CAPTION

Figure 23. This is a short centerlast caption.

HANG CAPTION

Figure 24. This is a short hang caption.

INDENT CAPTION

Figure 25. This is a short indent caption.

5 Twocolumn floats

5.1 Blah

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

TWOCOLUMN CAPTION

Figure 26. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

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Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah

TWOCOLUMN CAPTION

Figure 27. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption. This is a twocolumn caption.

blah.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

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Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

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Blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah.

6 User-defined captions styles

FANCY CAPTION

Figure 28
This is a short fancy caption.

FANCY CAPTION

Figure 29
This is a fancy caption. This is a fancy caption. This is a fancy caption. This is a fancy caption. This is a fancy caption. This is a fancy caption.

ANOTHER FANCY CAPTION

Figure 30: This is a short another fancy caption.

ANOTHER FANCY CAPTION

Figure 31
This is a another fancy caption. This is a another fancy caption. This is a another fancy caption. This is a another fancy caption. This is a another fancy caption. This is a another fancy caption.

7 The float package

7.1 Without caption package

```
\floatstyle{ruled}
\newfloat{Program}{tbp}{lop}[section]
... loads o' stuff ...
\begin{Program}
\begin{verbatim}
... program text ...
\end{verbatim}
\caption{... caption ...}
\end{Program}
```

Example 7.1: This is another silly floating Example. Except that this one doesn't actually float because it uses the `[H]` optional parameter to appear **Here**. (Gotcha.)

Program 7.1 The first program. This hasn't got anything to do with the style but is included as an example. Note the `ruled` float style.

```
#include <stdio.h>

int main(int argc, char **argv)
{
int i;
for (i = 0; i < argc; ++i)
printf("argv[%d] = %s\n", i, argv[i]);
return 0;
}
```

n	$\binom{n}{0}$	$\binom{n}{1}$	$\binom{n}{2}$	$\binom{n}{3}$	$\binom{n}{4}$	$\binom{n}{5}$	$\binom{n}{6}$	$\binom{n}{7}$
0	1							
1	1	1						
2	1	2	1					
3	1	3	3	1				
4	1	4	6	4	1			
5	1	5	10	10	5	1		
6	1	6	15	20	15	6	1	
7	1	7	21	35	35	21	7	1

Table 1: Pascal's triangle. This is a re-styled LaTeX `table`.

7.2 With caption package

```
\floatstyle{ruled}
\newfloat{Program}{tbp}{lop}[section]
... loads o' stuff ...
\begin{Program}
\begin{verbatim}
... program text ...
\end{verbatim}
\caption{... caption ...}
\end{Program}
```

Example 7.2: This is another silly floating Example. Except that this one doesn't actually float because it uses the `[H]` optional parameter to appear **Here**. (Gotcha.)

Program 7.2 The first program. This hasn't got anything to do with the style but is included as an example. Note the `ruled` float style.

```
#include <stdio.h>

int main(int argc, char **argv)
{
int i;
for (i = 0; i < argc; ++i)
printf("argv[%d] = %s\n", i, argv[i]);
return 0;
}
```

n	$\binom{n}{0}$	$\binom{n}{1}$	$\binom{n}{2}$	$\binom{n}{3}$	$\binom{n}{4}$	$\binom{n}{5}$	$\binom{n}{6}$	$\binom{n}{7}$
0	1							
1	1	1						
2	1	2	1					
3	1	3	3	1				
4	1	4	6	4	1			
5	1	5	10	10	5	1		
6	1	6	15	20	15	6	1	
7	1	7	21	35	35	21	7	1

Table 2: Pascal's triangle. This is a re-styled LaTeX `table`.

7.3 ...and with captionstyle 'indent'

```
\floatstyle{ruled}
\newfloat{Program}{tbp}{lop}[section]
... loads o' stuff ...
\begin{Program}
\begin{verbatim}
... program text ...
\end{verbatim}
\caption{... caption ...}
\end{Program}
```

Example 7.3. This is another silly floating Example. Except that this one doesn't actually float because it uses the `[H]` optional parameter to appear **Here**. (Gotcha.)

Program 7.3 The first program. This hasn't got anything to do with the style but is included as an example. Note the `ruled` float style.

```
#include <stdio.h>

int main(int argc, char **argv)
{
int i;
for (i = 0; i < argc; ++i)
printf("argv[%d] = %s\n", i, argv[i]);
return 0;
}
```

n	$\binom{n}{0}$	$\binom{n}{1}$	$\binom{n}{2}$	$\binom{n}{3}$	$\binom{n}{4}$	$\binom{n}{5}$	$\binom{n}{6}$	$\binom{n}{7}$
0	1							
1	1	1						
2	1	2	1					
3	1	3	3	1				
4	1	4	6	4	1			
5	1	5	10	10	5	1		
6	1	6	15	20	15	6	1	
7	1	7	21	35	35	21	7	1

Table 3. Pascal's triangle. This is a re-styled LaTeX `table`.

7.4 Redefined caption styles

The first program. This hasn't got anything to do with the style but is included as an example. Note the `ruled` float style.

```
#include <stdio.h>

int main(int argc, char **argv)
{
int i;
for (i = 0; i < argc; ++i)
printf("argv[%d] = %s\n", i, argv[i]);
return 0;
}
```

n	$\binom{n}{0}$	$\binom{n}{1}$	$\binom{n}{2}$	$\binom{n}{3}$	$\binom{n}{4}$	$\binom{n}{5}$	$\binom{n}{6}$	$\binom{n}{7}$
0	1							
1	1	1						
2	1	2	1					
3	1	3	3	1				
4	1	4	6	4	1			
5	1	5	10	10	5	1		
6	1	6	15	20	15	6	1	
7	1	7	21	35	35	21	7	1

Table 4. Pascal's triangle. This is a re-styled LaTeX `table`.

7.5 The option 'boxed'

n	$\binom{n}{0}$	$\binom{n}{1}$	$\binom{n}{2}$	$\binom{n}{3}$	$\binom{n}{4}$	$\binom{n}{5}$	$\binom{n}{6}$	$\binom{n}{7}$
0	1							
1	1	1						
2	1	2	1					
3	1	3	3	1				
4	1	4	6	4	1			
5	1	5	10	10	5	1		
6	1	6	15	20	15	6	1	
7	1	7	21	35	35	21	7	1

Table 5. Pascal's triangle. This is a re-styled LaTeX `table`.

7.6 The option 'ruled'

Program 7.5. The first program. This hasn't got anything to do with the style but is included as an example. Note the `ruled` float style.

```
#include <stdio.h>

int main(int argc, char **argv)
{
int i;
for (i = 0; i < argc; ++i)
printf("argv[%d] = %s\n", i, argv[i]);
return 0;
}
```

7.7 User-defined float styles

THIS IS THE START!

A very fancy float

THIS IS THE MIDDLE!

Fancyfl 7.1

This is a very fancy caption. This is a very fancy caption. This is a very fancy caption. This is a very fancy caption. This is a very fancy caption. This is a very fancy caption.

THIS IS THE END!

8 The longtable package

8.1 Without caption package

Table 6: This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

8.2 With caption package

Table 8: This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

Table 10. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test

Test	Test

Longtable: This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

Longtable: This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

Test	Test
Test	Test

Longtable: This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

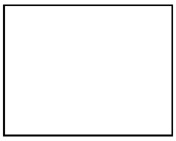
Test	Test
Test	Test

Longtable: This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption. This is a longtable caption.

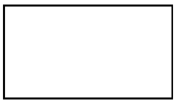
Test	Test
Test	Test

9 The subfigure package

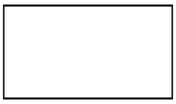
9.1 Without caption package



(a) First



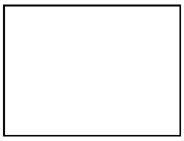
(b) Second Figure



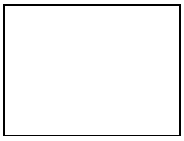
(c) Third

Figure 32: Three subfigures.

Figure 32 contains two top 'subfigures' and Figure 32(c).



33.1: First

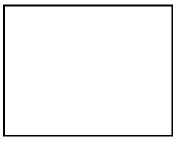


33.2: Second

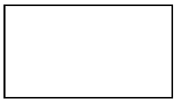
Figure 33: Two subfigures.

See subfigures 33.1 and 33.2.

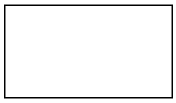
9.2 With caption package



(a) First



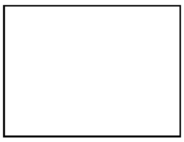
(b) Second Figure



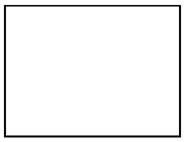
(c) Third

Figure 34: Three subfigures.

Figure 34 contains two top ‘subfigures’ and Figure 34(c).



35.1: First

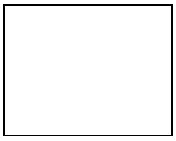


35.2: Second

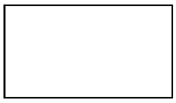
Figure 35: Two subfigures.

See subfigures 35.1 and 35.2.

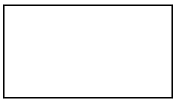
9.3 . . . and with subcapstyle ‘hang’



(a) *First*



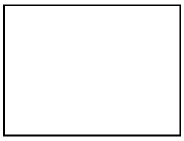
(b) *Second Figure*



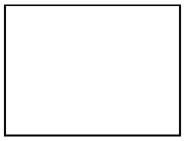
(c) *Third*

Figure 36: Three subfigures.

Figure 36 contains two top ‘subfigures’ and Figure 36(c).



37.1: First



37.2: Second

Figure 37: Two subfigures.

See subfigures 37.1 and 37.2.

10 Reported errors

This figure is labeled correctly.

Figure 38: "A sobering thought, Eileen: What if, right at this very moment I *am* living up to my full potential?" – Jane Wagner

This figure is not – the difference is the `\label` command

Figure 39: "A sobering thought, Eileen: What if, right at this very moment I *am* living up to my full potential?" – Jane Wagner