Magdeburg

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25.Juni 2022

Gleitumgebungen

für alle Dokumententypen

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Theorie

- Das optimal gesetzte Dokument hält alle zusammenhängenden Objekte wie Text, Gleichungen, Bilder oder Tabellen so zusammen, dass sie auf einer Seite erscheinen.

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- Andererseits verlangen manche Vorgaben, dass Abbildungen grundsätzlich oben auf einer Seite erscheinen sollen, was ebenfalls eine Beeinträchtigung für den Textsatz darstellt.
- Es gibt für LaTeX noch weitere Kriterien, die eine Platzierung von Abbildungen und Tabellen beeinflussen, wie beispielsweise den prozentualen Textanteil auf einer Seite, die Anzahl an Abbildungen oder Tabellen auf einer Seite, usw.

Floats – falsche Zuordnung

Code

```
\section{Erster Abschnitt}
  \textDemo
\section{Zweiter Abschnitt}
  \begin{figure}%----------
    \centering
    \rule{0.75\linewidth}{1cm}
  \end{figure}%----------
  \textDemo
\section{Dritter Abschnitt}
  \begin{figure}%----------
    \centering
    \rule{0.75\linewidth}{1cm}
  \end{figure}%----------
  \textDemo \textDemo
  \vfill
  Das Ende vom Lied \ldots
```

Floats – falsche Zuordnung

Beispiel

1 Erster Abschnitt

Vor dem Beginn der Installation sollte man sich vergewissern, ob nicht eine bereits vorhandene TEX-Installation existiert, die schon Umgebungsvariablen entsprechend gesetzt hat. Insbesondere unter Windows kann es hier zu Problemen kommen, sicherheitshalber sollte man eventuell vorher eine existierende TEX-Installation entfernen.

2 Zweiter Abschnitt

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Floats – falsche Zuordnung

Float setting

```
\def\fps@figure{tbp}
\def\fps@table{tbp}
```

Floats – falsche Zuordnung

Grund

```
Float setting
\def\fps@figure{tbp}
\def\fps@table{tbp}
```

Ändern durch

```
Float setting
\usepackage[all=htb]{hvloat-fps}
```

Floats – richtige Zuordnung

Beispiel

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Vor dem Beginn der Installation sollte man sich vergewissern, ob nicht eine bereits vorhandene TEX-Installation existiert, die schon Umgebungsvariablen entsprechend gesetzt hat. Insbesondere unter Windows kann es hier zu Problemen kommen, sicherheitshalber sollte man eventuell vorher eine existierende TEX-Installation entfernen.

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Das Ende vom Lied ...

Floats – richtige Zuordnung

Alternative

Float setting

```
\let\Section\section
\renewcommand\section{\suppressfloats[t]\Section}
```

Floats – richtige Zuordnung

Alternative

Float setting

```
\let\Section\section
\renewcommand\section{\suppressfloats[t]\Section}
```

Sternvariante und optionales Argument sind weiterhin möglich.

Floats – falsche Zuordnung

Ausgabe

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Ohne Nummer

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Floatparameter ignorieren

In wissenschaftlichen Dokumenten mit *sehr* vielen Gleitobjekten und relativ wenig Text, kann oder muss man auf die relativ strengen Parameterwerte verzichten:

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Float setting

```
\usepackage[all=!htb]{hvfloat-fps}
```

Ignorieren der Parameter

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Caption

- **\caption** weiß nicht, ob es oberhalb oder unterhalb des Objekts angeordnet wird.

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- Längen **\abovecaptionskip** und **\belowcaptionskip** haben im Allgmeinen unterschiedliche Werte:
  Für **article**:

  ¡10.0pt versus 0.0pt

  Für **beamer** dagegen:
  7.0pt versus 7.0pt

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- Längen **\abovecaptionskip** und **\belowcaptionskip** haben im Allgmeinen unterschiedliche Werte:
  Für **article**:

  I

  Für **beamer** dagegen:
  7.0pt versus 7.0pt
- Werte müssen vertauscht werden, wenn die Beschriftung oberhalb des Objekts erscheint.

Abbildung 1: Ein Beschriftung unterhalb

Abbildung 2: Ein Beschriftung oberhalb

Figure 1: Ein Beschriftung unterhalb

Figure 2: Ein Beschriftung oberhalb

Caption

article

Figure 1: Ein Beschriftung unterhalb

Figure 2: Ein Beschriftung oberhalb

besser:

Figure 1: Ein Beschriftung unterhalb

Figure 2: Ein Beschriftung oberhalb

Paket hvfloat

```
\tabcaption{Ein Beschriftung oberhalb}
\textcolor{red!20}{\rule{0.8\linewidth}{2cm}}
```

Tabelle 1: Ein Beschriftung oberhalb

Objekt und Caption

```
\hvFloat[%
        nonFloat=true,
        capWidth=0.5,
        capPos=right,
        objectAngle=120,
        capAngle=-210,
        objectPos=center]%
    {figure}{\fbox{\includegraphics[scale=0.9]{rose}}}%
    {\fbox{What a nice Caption :-)}}{fig:title}
```

Objekt und Caption

Abbildung 3:
What a nice Caption :-)

Parameter I

Keyword	***Default***	*Description*
floatPos	**tbp**	This is the same default placement setting as in standard LaTeX; maybe not always the best setting.
rotAngle	**0**	The value for the angle if both the object and the caption should be rotated together.
capWidth	**n**	The width of the caption. Can be **n** for a natural width given by the current linewidth, **w** for the width of the object, **h** for the height of the object, or a scale factor for **\columnwidth**.
capAngle	**0**	The integer value for the angle if the caption should be rotated. Positive is counter-clockwise.
capPos	**bottom**	The position of the caption relative to the object. Possible values: **before**: *always* before (left) from the object. **top**: *always* on top of the object. **left**: *always* before (left) from the object, but on the same page in twocolumn mode.

Parameter II

		after: *always* after (right) from the object. **bottom**: *always* on the bottom of the object. **right**: *always* after (right) from the object, but on the same page in twocolumn mode. **inner**: in twoside mode always typeset at the inner margin. **outer**: in twoside mode always typeset at the outer margin. **evenPage**: in twoside mode with fullpage objects always on an even page. **oddPage**: in twoside mode with fullpage objects always on an odd page.
capVPos	**center**	Only used when **capPos=left**|**right**; in these cases, the caption can be vertically placed at the **bottom**, **center** or **top**.
objectPos	**center**	Horizontal placement of the object relative to the document. Possible values are (**left**, (**center**, (**right**.
objectAngle	**0**	Integer value for the angle if the object should be rotated. Positive is counter-clockwise.

Parameter III

floatCapSep	**5pt**	Additional space between the object and a left- or right-placed caption.
useOBox	**false**	Instead of passing the object as a parameter to **\hvFloat**, with **useOBox=true** the contents of the predefined box **\hvOBox** is used.
onlyText	**false**	The caption is printed as normal text with no entry in any list of …
nonFloat	**false**	The object isn't put in a floating environment, but printed as standard text with an additional caption. The float counter is increased as usual and can be referenced.
wide	**false**	The float can use **\textwidth** + **\marginparwidth** as horizontal width.
objectFrame	**false**	Put a frame with no separation around the float object.
style	*none*	Use a defined style.
capFormat	*none*	Define formatting options for **\caption**; see documentation of package **caption**.
subcapFormat	*none*	Define formatting options for **\subcaption**.

Parameter IV

fullpage	**false**	Use a complete column in twocolumn mode.
FullPage	**false**	Use the full text area for the object.
FULLPAGE	**false**	Use the full paper width/height for the object.
doublePage	**false**	Use the text area on a doublepage with additional text.
doublePAGE	**false**	Use the text area on a doublepage without additional text.
doubleFULLPAGE	**false**	Use the paperwidth on a doublepage without additional text.
vFill	**false**	Put a **\vfill** between every two objects in a multi- or subfloat.
sameHeight	**false**	use the same text height on both pages for a **doublePage** object.

Parameter V

Parameter nonFloat

Text davor …

```
\hvFloat[nonFloat,capVPos=b,
         objectFrame]
 {figure}
 {\includegraphics{rose}}
 {Caption of a ‘‘nonfloat’’
  Object}
 {fig:11}
```

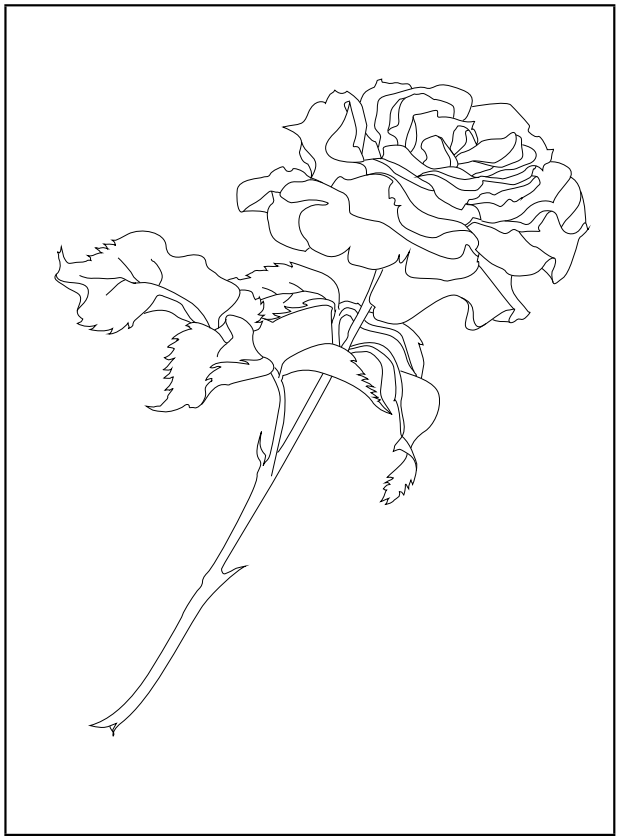


Abbildung 4: Caption of a “non-float” Object

… und Text danach.

Parameter capPos

Abbildung 5: Caption right beside with a *natural* width, which is given by the width of the object, the separation between object and caption, and the current linewidth.

```
\hvFloat[capPos=right,objectFrame]%
  {figure}{\includegraphics{rose}}%
  {Caption right beside with a \emph{natural} width, which is
   given by the width of the object, the separation between
   object and caption, and the current linewidth.}
  {fig:width1}
```

Abbildung 6: Default caption width setting, which is the natural width with respect to the current linewidth.

```
\hvFloat{figure}{\includegraphics[scale=0.7]{rose}}%
  {Default caption width setting, which is the natural width
   with respect to the current linewidth.}%
  {fig:width0}
```

Parameter capWidth

Abbildung 7: Caption below with a width of 0.9 of the current linewidth (columnwidth), which is in this special case 263.35728pt.

```
\hvFloat[capWidth=0.8,objectFrame]%
  {figure}{\includegraphics[scale=0.8]{rose}}%
  {Caption below with a width of 0.9 of the current linewidth
   (columnwidth), which is in this special case \the\linewidth.}%
  {fig:width2}
```

Parameter capWidth und capPos

Abbildung 8: Caption right beside with a widt
0.9 linewidth, which is too big for this exampl
re corrected by the macro to the maximal wid

```
\hvFloat[capWidth=0.9,capPos=right,objectFrame]%
  {figure}{\includegraphics{rose}}%
  {Caption right beside with a width setting of 0.9 linewidth,
   which is too big for this example and therefore corrected by
   the macro to the maximal width.}%
  {fig:width3}
```

Parameter capWidth

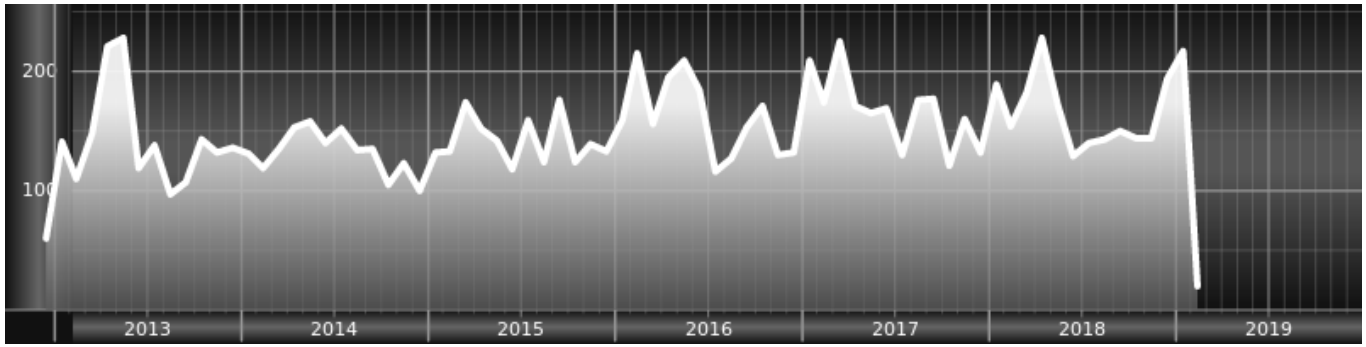


Abbildung 9: Caption below with a width of the given object which maybe a problem if it is a very small object.

```
\hvFloat[capWidth=w]%
  {figure}{\includegraphics[width=0.75\linewidth]{CTAN}}%
  {Caption below with a width of the given object which maybe
   a problem if it is a very small object.}%
  {fig:width4}
```

Parameter capWidth und capAngle

Abbildung 10: Caption beside with a width of the given object height which maybe a problem if it is a very small object.

```
\hvFloat[capPos=right,capWidth=h,capAngle=90,objectFrame]%
  {figure}{\includegraphics{rose}}%
  {Caption beside with a width of the given object height which
    maybe a problem if it is a very small object.}%
  {fig:width5}
```

Parameter objectPos

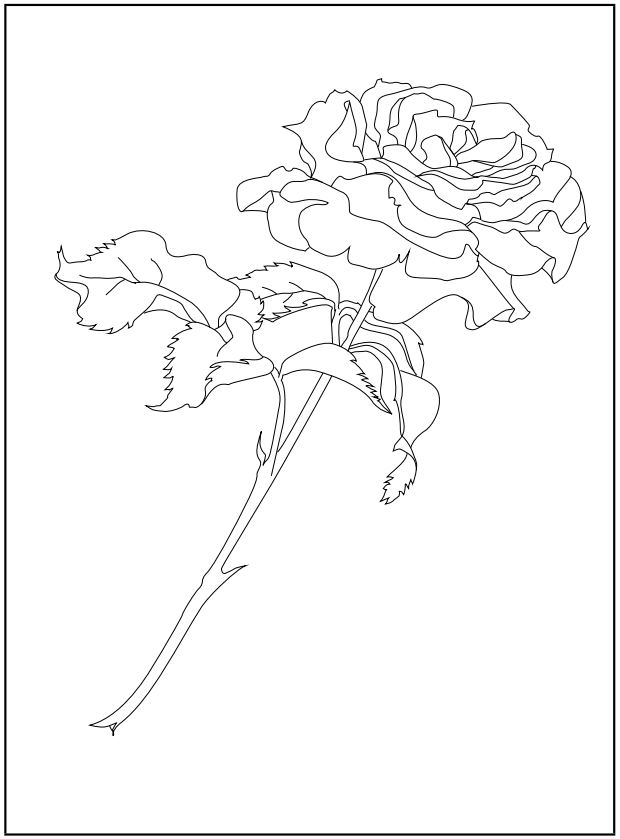


Abbildung 11: Caption vertically centered right beside the float with a caption width of 0.5 columnwidth

```
\hvFloat[capWidth=0.5,capPos=right,objectFrame,objectPos=center]%
  {figure}{\includegraphics{rose}}%
  [Caption beside object and vertically centered]%
  {Caption vertically centered right beside the float with a
   caption width of 0.5 columnwidth}%
  {fig:1}
```

Parameter capPos=inner

Abbildung 12: Caption set with the parameter setting **capPos=inner**, which will be a caption on the right side for an even page and on the left side for an odd page.

```
\hvFloat[capPos=inner,capVPos=bottom,objectFrame]{figure}
  {\includegraphics[scale=0.75]{rose}}{Caption set with the
   parameter setting \texttt{capPos=inner}, which will be a
   caption on the right side for an even page and on the
   left side for an odd page.}{fig:20}
```

Dies ist eine ungerade (rechte) Seite: 41

Parameter capPos=inner

Folgeseite

Abbildung 13: Caption set with the parameter setting **capPos=inner**, which will be a caption on the right side for an even page and on the left side for an odd page.

```
\hvFloat[capPos=inner,capVPos=bottom,objectFrame]{figure}
  {\includegraphics[scale=0.75]{rose}}{Caption set with the
   parameter setting \texttt{capPos=inner}, which will be a
   caption on the right side for an even page and on the
   left side for an odd page.}{fig:20}
```

Dies ist eine gerade (linke) Seite: 42

```
[Centered Caption beside Object]{%
{Caption vertically centered right beside the float with a caption width of the height
 of the image and a rotation of the caption and the object.}{fig:3}
```

float

Figure 11: Caption vertically centered right beside the float with a caption width of the height of the image and a rotation of the caption and the object.

6 Caption inner or outer

Setting the caption position to *inner* or *outer* makes only sense for a document in twoside mode. For a oneside document *inner* is the same as *left* and *outer* is the same as *right*. We show only the code for the first image with the setting `capPos=inner` , whereas the second one chooses only `capPos=outer` .

Code for figure 12:

```
\hvFloat[capPos=inner]{figure}{\includegraphics{rose}}%
    [Centered Caption on the inner side]{%
    Caption set with the parameter setting \texttt{capPos=inner}, which will be
    a caption on the right side for an even page and on the left side for
    an odd page.}{fig:20}
```

float
capPos=inner

Figure 12: Caption set with the parameter setting `capPos=inner`, which will be a caption on the right side for an even page and on the left side for an odd page.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of

the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat[capPos=inner]{figure}{\includegraphics{rose}}%
    [Centered Caption on the inner side]{%
    Caption set with the parameter setting \texttt{capPos=inner}, which will be
    a caption on the right side for an even page and on the left side for
    an odd page.}{fig:20b}
```

float
capPos=inner

Figure 13: Caption set with the parameter setting `capPos=inner`, which will be a caption on the right side for an even page and on the left side for an odd page.

Now the same Image with `capPos=outer` . The current pagenumber is 15, an odd page. We now set a pagebreak at the end of the second image to see if it works with *inner*/*outer*.

float

Figure 14: Caption at the bottom right beside the float with a caption width of `0.5\columnwidth` and and `capPos=outer`.

We have an odd page, the reason why figure 13 has the caption for *inner* on the left side and figure 14 for *outer* on the right side.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Code for figure 15:

```
\hvFloat[%
```

```
[Centered Caption beside Object]{%
{Caption vertically centered right beside the float with a caption width of the height
 of the image and a rotation of the caption and the object.}{fig:3}
```

float

Figure 11: Caption vertically centered right beside the float with a caption width of the height of the image and a rotation of the caption and the object.

6 Caption inner or outer

Setting the caption position to *inner* or *outer* makes only sense for a document in twoside mode. For a oneside document *inner* is the same as *left* and *outer* is the same as *right*. We show only the code for the first image with the setting `capPos=inner` , whereas the second one chooses only `capPos=outer` .

Code for figure 12:

```
\hvFloat[capPos=inner]{figure}{\includegraphics{rose}}%
    [Centered Caption on the inner side]{%
    Caption set with the parameter setting \texttt{capPos=inner}, which will be
    a caption on the right side for an even page and on the left side for
    an odd page.}{fig:20}
```

float
capPos=inner

Figure 12: Caption set with the parameter setting `capPos=inner`, which will be a caption on the right side for an even page and on the left side for an odd page.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of

Seite 14

the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat[capPos=inner]{figure}{\includegraphics{rose}}%
    [Centered Caption on the inner side]{%
    Caption set with the parameter setting \texttt{capPos=inner}, which will be
    a caption on the right side for an even page and on the left side for
    an odd page.}{fig:20b}
```

float
capPos=inner

Figure 13: Caption set with the parameter setting `capPos=inner`, which will be a caption on the right side for an even page and on the left side for an odd page.

Now the same Image with `capPos=outer` . The current pagenumber is 15, an odd page. We now set a pagebreak at the end of the second image to see if it works with *inner*/*outer*.

float

Figure 14: Caption at the bottom right beside the float with a caption width of `0.5\columnwidth` and and `capPos=outer`.

We have an odd page, the reason why figure 13 has the caption for *inner* on the left side and figure 14 for *outer* on the right side.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Code for figure 15:

```
\hvFloat[%
```


Seite 15

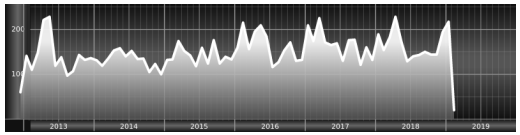


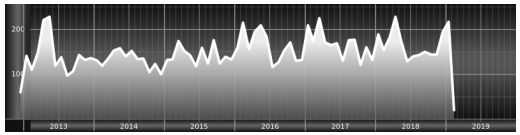
Figure 22: Caption at top right beside the float and object position left and the option wide.

Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

The code for figure 23:

```
\hvFloat[wide,
    capPos=left,
    capVPos=top,
    objectPos=right,
  ]{figure}{\includegraphics[width=0.75\linewidth]{CTAN}}%
  {Caption at top left beside the object and object position left and
   the option \texttt{wide}.}{fig:80}
```

Figure 23: Caption at top left beside the object and object position left and the option wide.



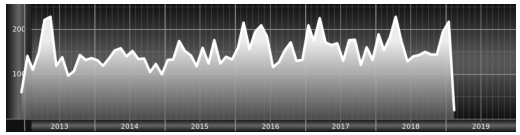
For a twosided document it will place the object always in the margin.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat[wide,
    capPos=inner,
    capVPos=top,
]{figure}{\includegraphics[width=0.75\linewidth]{CTAN}}{%
Caption at top and inner beside the float and object position right and
the option \texttt{wide}.}{fig:81}
```

Now we set the same image with the same setting on the next page. The caption will change its side due to the setting `capPos=outer` .

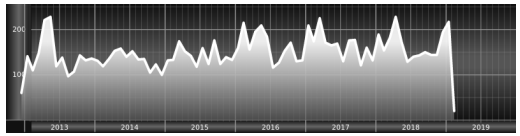
Figure 24: Caption at top and inner beside the float and object position right and the option wide.



Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat[wide,
    capPos=inner,
    capVPos=top,
]{figure}{\includegraphics[width=0.75\linewidth]{CTAN}}{%
Caption at top inner beside the float and object position right and
the option \texttt{wide}.}{fig:811}
```

Figure 25: Caption at top inner beside the float and object position right and the option wide.



10 Full Page Width in Landscape Mode

If you do not want to load the package `lscape` (or `pdflscape`) you can use the `floatPos=p` option to put the image on an own page and rotated by 90 degrees (figure 26).

Code for figure 26:

```
\hvFloat[%
    floatPos=p,
    capPos=bottom,
    rotAngle=90,
    objectPos=center,
]{figure}{\includegraphics[width=0.9\textheight]{CTAN}}%
  [Object and Caption in landscape mode]{%
    Caption and object in landscape mode. \blindtext}{fig:9}
```

The float can also be put to the left or to the right (above/below in landscape) with the `objectPos=l` parameter

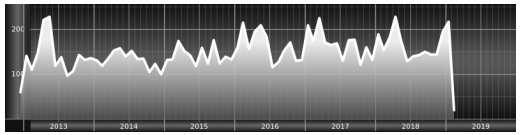


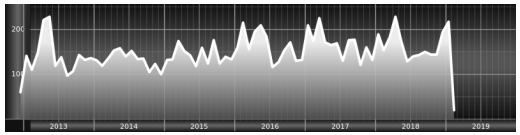
Figure 22: Caption at top right beside the float and object position left and the option wide.

Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

The code for figure 23:

```
\hvFloat[wide,
    capPos=left,
    capVPos=top,
    objectPos=right,
  ]{figure}{\includegraphics[width=0.75\linewidth]{CTAN}}%
  {Caption at top left beside the object and object position left and
   the option \texttt{wide}.}{fig:80}
```

Figure 23: Caption at top left beside the object and object position left and the option wide.



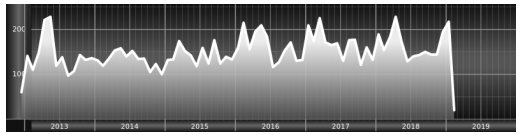
For a twosided document it will place the object always in the margin.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat[wide,
    capPos=inner,
    capVPos=top,
]{figure}{\includegraphics[width=0.75\linewidth]{CTAN}}{%
Caption at top and inner beside the float and object position right and
the option \texttt{wide}.}{fig:81}
```

Now we set the same image with the same setting on the next page. The caption will change its side due to the setting `capPos=outer` .

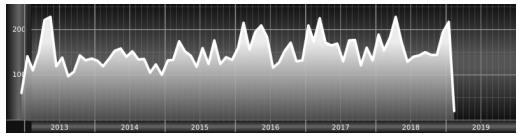
Figure 24: Caption at top and inner beside the float and object position right and the option wide.



Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat[wide,
    capPos=inner,
    capVPos=top,
]{figure}{\includegraphics[width=0.75\linewidth]{CTAN}}{%
Caption at top inner beside the float and object position right and
the option \texttt{wide}.}{fig:811}
```

Figure 25: Caption at top inner beside the float and object position right and the option wide.



10 Full Page Width in Landscape Mode

If you do not want to load the package `lscape` (or `pdflscape`) you can use the `floatPos=p` option to put the image on an own page and rotated by 90 degrees (figure 26).

Code for figure 26:

```
\hvFloat[%
    floatPos=p,
    capPos=bottom,
    rotAngle=90,
    objectPos=center,
]{figure}{\includegraphics[width=0.9\textheight]{CTAN}}%
  [Object and Caption in landscape mode]{%
    Caption and object in landscape mode. \blindtext}{fig:9}
```

The float can also be put to the left or to the right (above/below in landscape) with the `objectPos=l` parameter

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2.3 Example for list (description)

First item in a list

Second item in a list

Third item in a list

Fourth item in a list

Fifth item in a list

2.3.1 Example for list (4*description)

First item in a list

First item in a list

First item in a list

First item in a list

Second item in a list

Second item in a list

Second item in a list

Second item in a list

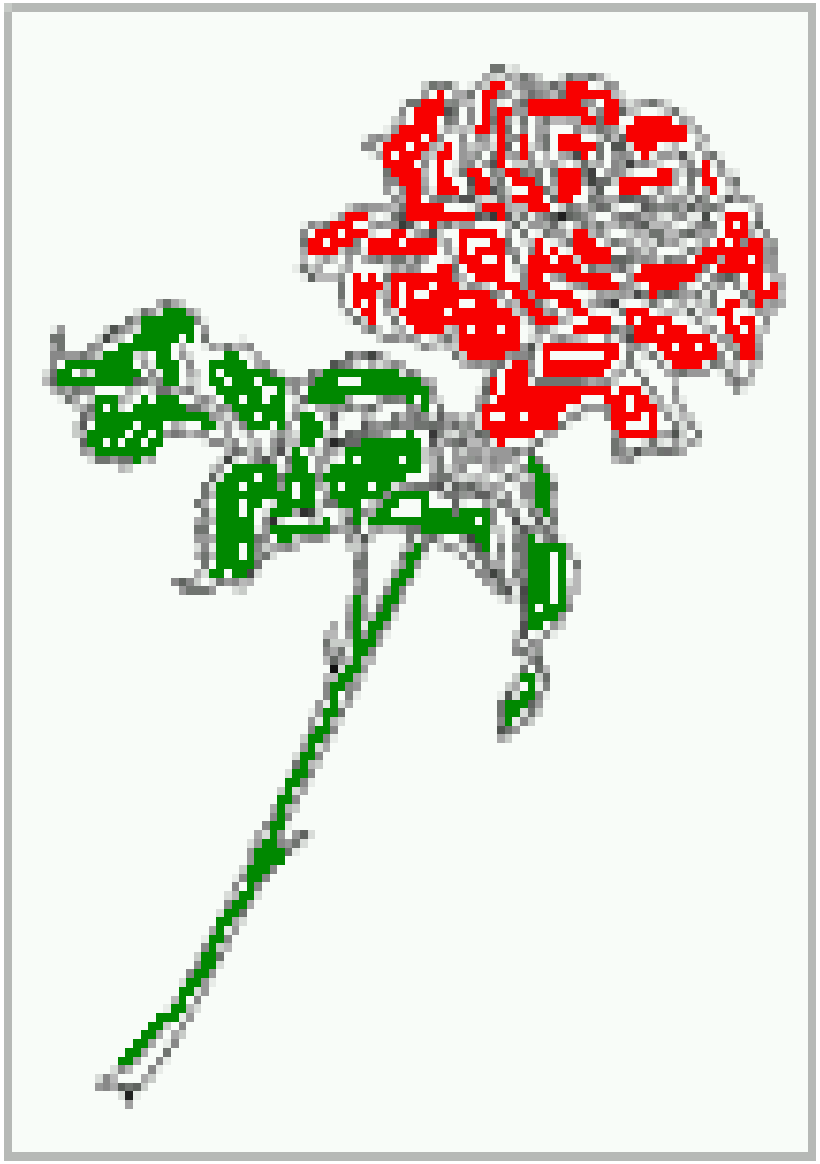
3 File default1s1c

```
The fullpage image~\vref{fig:fullpage0} has a caption~\vpageref{fig:fullpage0-cap}.
```

The fullpage image 1 on the following page has a caption on the current page.

```
\hvFloat[fullpage]%
  {figure}%
  {\includegraphics[fullpage]{frose}}%
  [A fullpage float with the default caption setting]%
  {A default caption of a ''fullpage'' object with the default setting, which
   is a ''left''  caption which means that it always appears before the object.
   This can be an even or odd page. And some more text whch has no
   real meaning because it fills only the space for a long caption.}%
  {fig:fullpage0}
```

Figure 1: A default caption of a “fullpage” object with the default setting, which is a “left” caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.



Gleitumgebungen — Dr.-Ing. Herbert Voß

2.3 Example for list (description)

First item in a list

Second item in a list

Third item in a list

Fourth item in a list

Fifth item in a list

2.3.1 Example for list (4*description)

First item in a list

First item in a list

First item in a list

First item in a list

Second item in a list

Second item in a list

Second item in a list

Second item in a list

3 File default1s1c

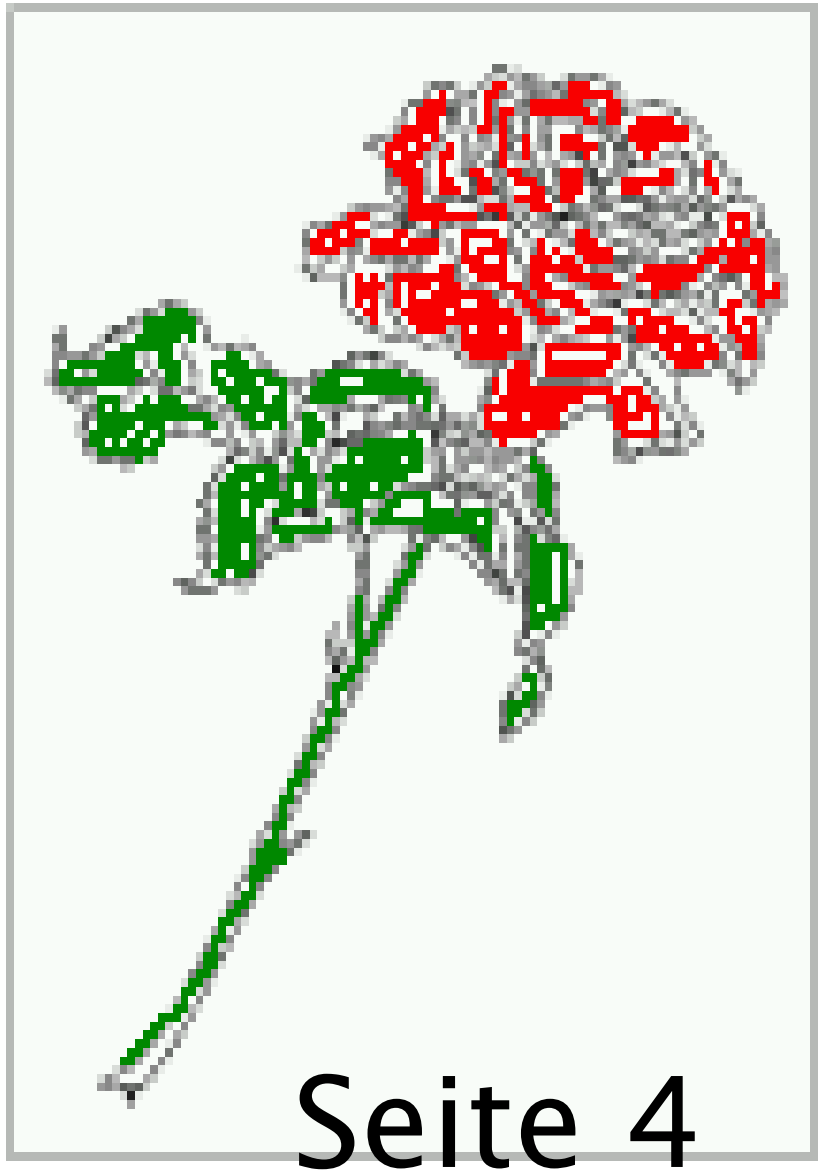
```
The fullpage image~\vref{fig:fullpage0} has a caption~\vpageref{fig:fullpage0-cap}.
```

The fullpage image 1 on the following page has a caption on the current page.

```
\hvFloat[fullpage]%
  {figure}%
  {\includegraphics[fullpage]{frose}}%
  [A fullpage float with the default caption setting]%
  {A default caption of a ''fullpage'' object with the default setting, which
   is a ''left''  caption which means that it always appears before the object.
   This can be an even or odd page. And some more text whch has no
   real meaning because it fills only the space for a long caption.}%
  {fig:fullpage0}
```

Figure 1: A default caption of a “fullpage” object with the default setting, which is a “left” caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Seite 3



Seite 4

should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

5 Lists

5.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

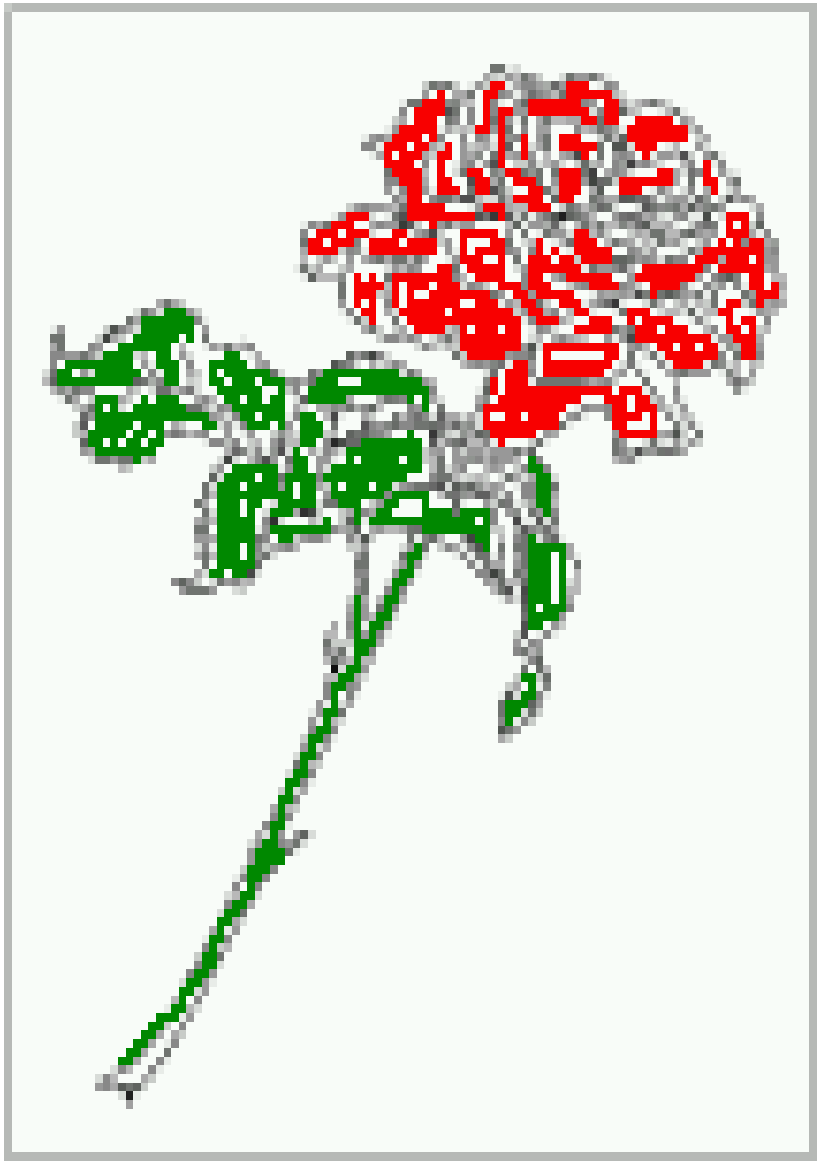
5.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

5.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

Figure 1: A default caption of a “fullpage” object with the default setting, which is a “left” caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.



should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

5 Lists

5.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

5.1.1 Example for list (4*itemize)

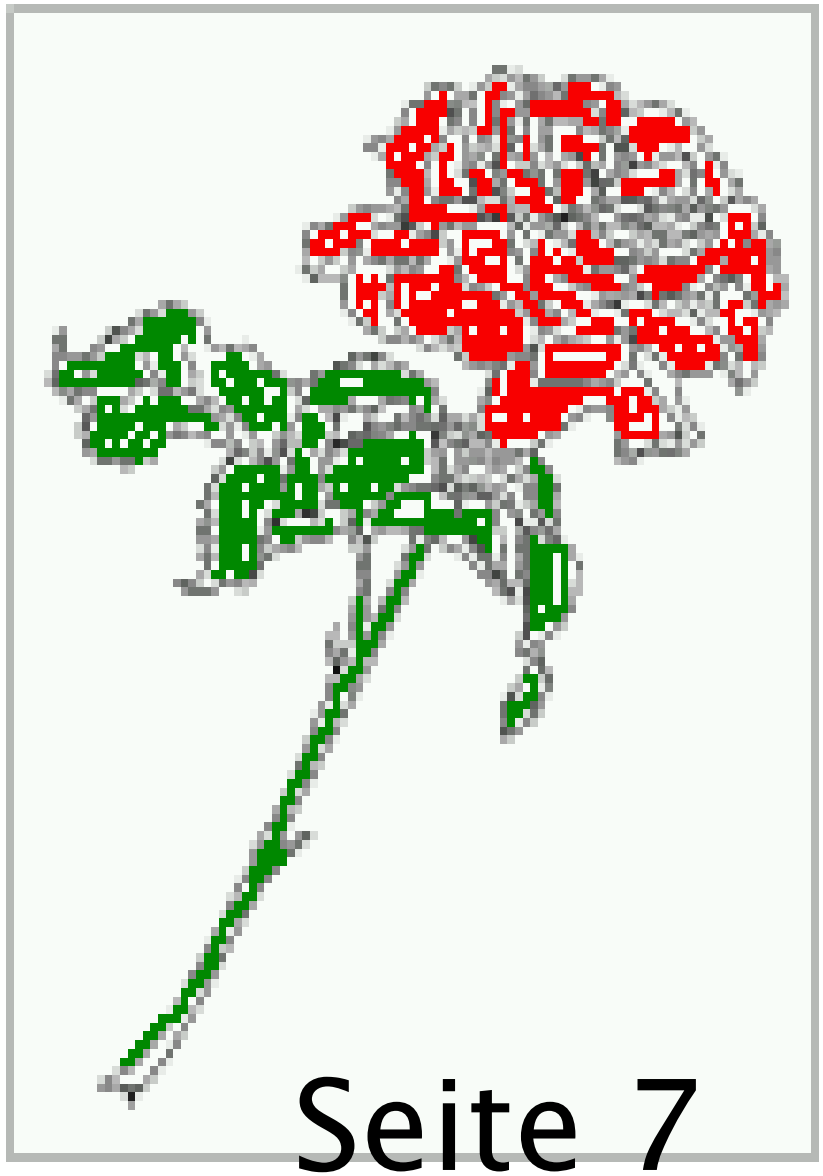
- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

5.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

Figure 1: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be on an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Seite 6



Seite 7

Gleitumgebungen — Dr.-Ing. Herbert Voß

\hvFloat

\hvFloat*

```
\hvFloat* [Options]
```

Multifloats

```
\hvFloat * [Options]
  +{float type}{floating object}%
```

Multifloats

```
\hvFloat * [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  ...
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  ...
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

{*label*} sollten verschieden oder leer sein!

3 File multi-default1s1c

```
The multi images~\vref{img:demo0} has a caption~\vpageref{img:demo0-cap}.
```

The fullpage multifloat 1 on the following page has a caption on the current page.

```
\captionsetup{singlelinecheck=false}
\hvFloat[fullpage,capPos=l,multiFloat]%
  +{figure}{\includegraphics[width=\linewidth]{CTAN}}%%                    no 1
   [Short caption A]%
   {A Caption A of a ``fullpage'' object, which follows on the left or
    right column. This can be an even or odd page. And some more text whch has no
    real meaning because it fills only the space for a long caption.}%
   {img:demo0}%
  +{table}{\begin{tabular}{lrcp{3cm}}\hline                 %              no 2
           Linksbündig & Rechtsbündig & Zentriert & Parbox\\\hline
           L           & R            & C         & P\\
           left        & right        & center    & Text with possible linebreaks\\
           \multicolumn{4}{c}{Multicolumn over all columns}\\\hline
          \end{tabular}}%
   [Short Caption B]%
   {A Caption B of a ``fullpage'' object, which follows on the left or
        right column. This can be an even or odd page.}{}%
  +{figure}{\includegraphics[width=\linewidth]{CTAN}}%%                     no 3
   {A Caption C of a ``fullpage'' object, which follows on the left or
      right column.}%
   {img:demo1}
  +{figure}{\includegraphics[width=\linewidth]{CTAN}}%%                     no 4
   {A Caption C of a ``fullpage'' object, which follows on the left or
      right column.}%
   {img:demo2}
```

float
Multi

4 Heading on Level 1 (section)

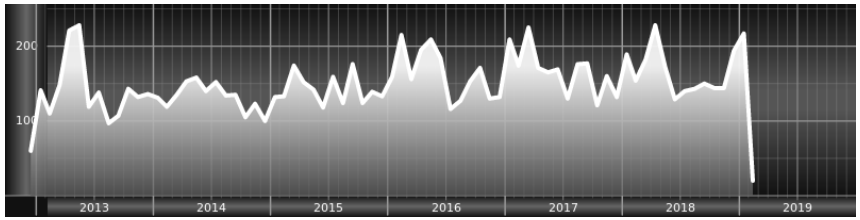
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no

Figure 1: A Caption A of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

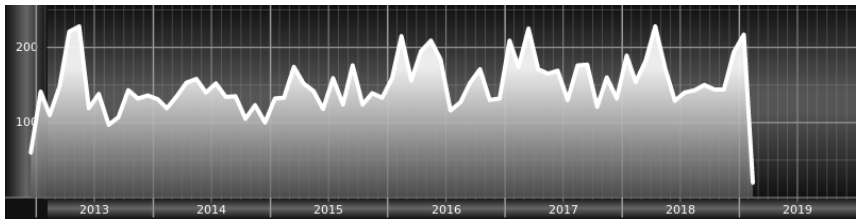
Table 1: A Caption B of a “fullpage” object, which follows on the left or right column. This can be an even or odd page.

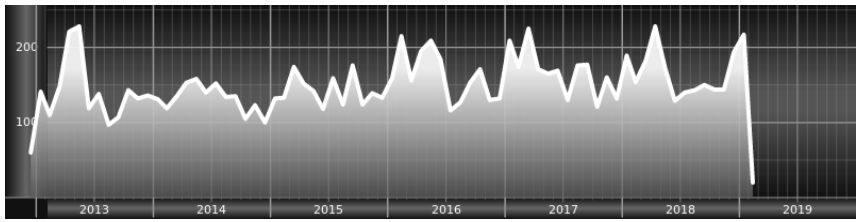
Figure 2: A Caption C of a “fullpage” object, which follows on the left or right column.

Figure 3: A Caption D of a “fullpage” object, which follows on the left or right column.



Linksbündig	Rechtsbündig	Zentriert	Parbox
L	R	C	P
left	right	center	Text with possible linebreaks
Multicolumn over all columns			





3 File multi-default1s1c

```
The multi images~\vref{img:demo0} has a caption~\vpageref{img:demo0-cap}.
```

The fullpage multifloat 1 on the following page has a caption on the current page.

```
\captionsetup{singlelinecheck=false}
\hvFloat[fullpage,capPos=l,multiFloat]%
  +{figure}{\includegraphics[width=\linewidth]{CTAN}}%%                    no 1
   [Short caption A]%
   {A Caption A of a ``fullpage'' object, which follows on the left or
    right column. This can be an even or odd page. And some more text whch has no
    real meaning because it fills only the space for a long caption.}%
   {img:demo0}%
  +{table}{\begin{tabular}{lrcp{3cm}}\hline                %             no 2
           Linksbündig & Rechtsbündig & Zentriert & Parbox\\\hline
           L           & R            & C         & P\\
           left        & right        & center    & Text with possible linebreaks\\
           \multicolumn{4}{c}{Multicolumn over all columns}\\\hline
          \end{tabular}}%
   [Short Caption B]%
   {A Caption B of a ``fullpage'' object, which follows on the left or
        right column. This can be an even or odd page.}{}%
  +{figure}{\includegraphics[width=\linewidth]{CTAN}}%%                     no 3
   {A Caption C of a ``fullpage'' object, which follows on the left or
      right column.}%
   {img:demo1}
  +{figure}{\includegraphics[width=\linewidth]{CTAN}}%%                     no 4
   {A Caption C of a ``fullpage'' object, which follows on the left or
      right column.}%
   {img:demo2}
```

float
Multi

4 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no

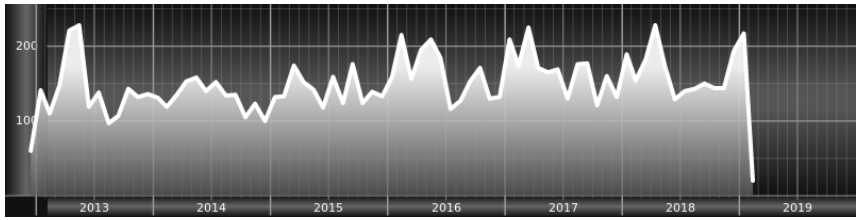
Figure 1: A Caption A of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Table 1: A Caption B of a “fullpage” object, which follows on the left or right column. This can be an even or odd page.

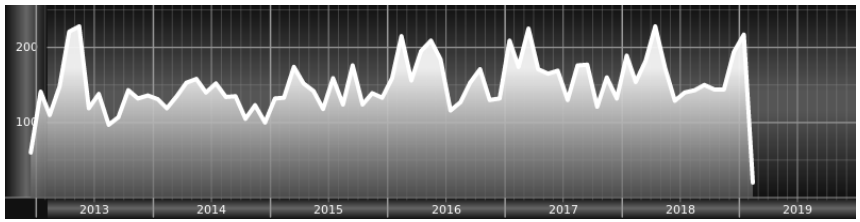
Figure 2: A Caption C of a “fullpage” object, which follows on the left or right column.

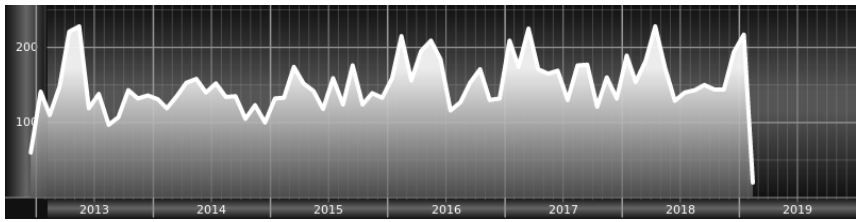
Figure 3: A Caption D of a “fullpage” object, which follows on the left or right column.

Seite 5



Linksbündig	Rechtsbündig	Zentriert	Parbox
L	R	C	P
left	right	center	Text with possible linebreaks
Multicolumn over all columns			





Seite 6

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

And after the second paragraph follows the third paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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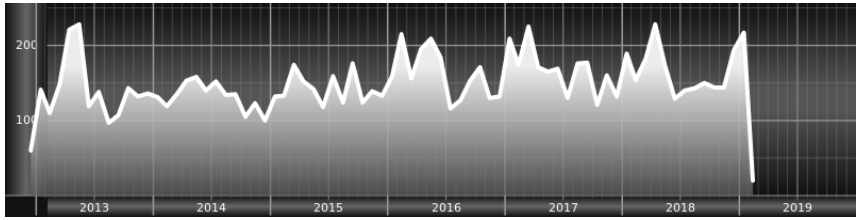
float Multi

Figure 7: A Caption A of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

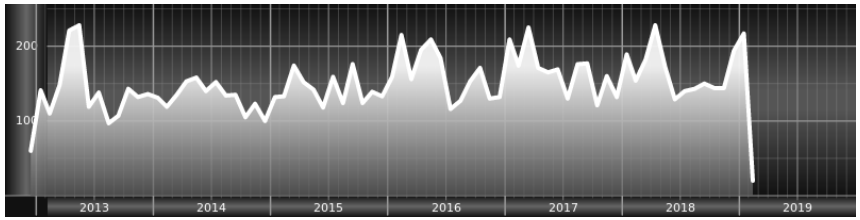
Table 3: A Caption B of a “fullpage” object, which follows on the left or right column. This can be an even or odd page.

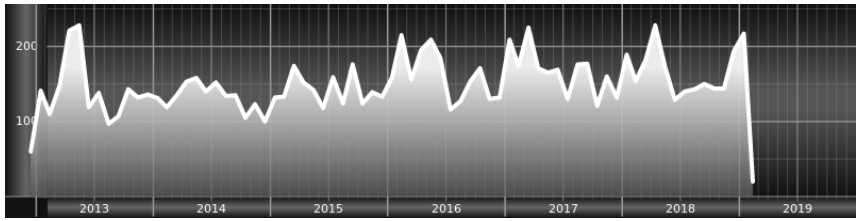
Figure 8: A Caption C of a “fullpage” object, which follows on the left or right column.

Figure 9: A Caption D of a “fullpage” object, which follows on the left or right column.



Linksbündig	Rechtsbündig	Zentriert	Parbox
L	R	C	P
left	right	center	Text with possible linebreaks
Multicolumn over all columns			





This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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float Multi

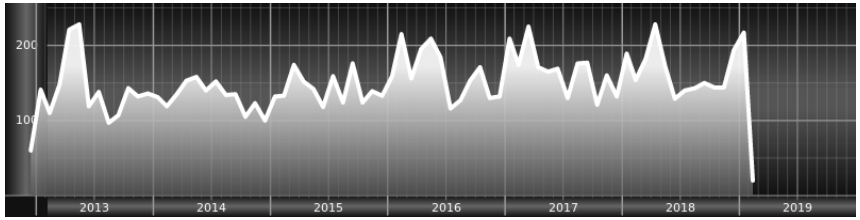
Figure 7: A Caption A of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Table 3: A Caption B of a “fullpage” object, which follows on the left or right column. This can be an even or odd page.

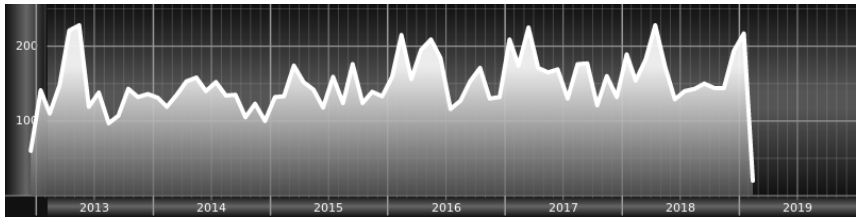
Figure 8: A Caption C of a “fullpage” object, which follows on the left or right column.

Figure 9: A Caption D of a “fullpage” object, which follows on the left or right column.

Seite 14



Linksbündig	Rechtsbündig	Zentriert	Parbox
L	R	C	P
left	right	center	Text with possible linebreaks
Multicolumn over all columns			



Seite 15

Subfloats

Identische Syntax zu Multifloats:

\hvFloat

Subfloats

Identische Syntax zu Multifloats:

`\hvFloat*`

Subfloats

Identische Syntax zu Multifloats:

`\hvFloat*[Options]`

Subfloats

Identische Syntax zu Multifloats:

\hvFloat ***** **[Options]**
  +{*float type*}{}%

Subfloats

Identische Syntax zu Multifloats:

\hvFloat * **[Options]**
+{*float type*}{}%
[main short caption] {*main long caption*}{*main label*}

Subfloats

Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
  +{float type}{}%
        [main short caption] {main long caption}{main
label}
  +{}{floating object}%
        [short subcaption] {long sub caption}{sub label}
```

Subfloats

Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
  +{float type}{}%
        [main short caption] {main long caption}{main
label}
  +{}{floating object}%
        [short subcaption] {long sub caption}{sub label}
  ...
  +{}{floating object}%
        [short subcaption] {long subcaption}{sub label}
```

Subfloats

Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
  +{float type}{}%
        [main short caption] {main long caption}{main
label}
  +{}{floating object}%
        [short subcaption] {long sub caption}{sub label}
  ...
  +{}{floating object}%
        [short subcaption] {long subcaption}{sub label}
```

- {*label*} sollten verschieden oder leer sein!
- Die Angabe eines Hauptobjektes {*floating object*} wird ignoriert.
- Die Angabe weiterer {*float type*} wird ignoriert.

```
\captionsetup[sub]{singlelinecheck}
\hvFloat[fullpage,capPos=l,objectFrame,subFloat]%
  +{figure}{}[Short main caption of the objects]%   main short lsi entry
   {The main  caption of a ‘‘fullpage’’ object, which follows on the left or
        right column. This can be an even or odd page. And some more text whch has no
        real meaning because it fills only the space for a long caption.}%  main caption
   {sub:demo0}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   [Short caption B]%
   {A Caption B of a ‘‘fullpage’’ sub object.}%  subcaption
   {}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption C of a ‘‘fullpage’’ object, which follows on the left or right column.}%
   {sub:demo1}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption D of a ‘‘fullpage’’ object}%
   {sub:demo2}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption E of a ‘‘fullpage’’ object}%
   {sub:demo3}
```

4 Heading on Level 1 (section)

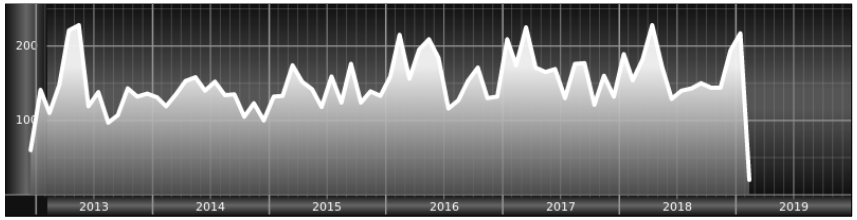
float
subfloat

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

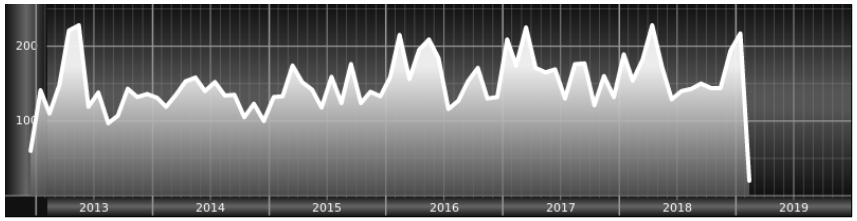
4.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

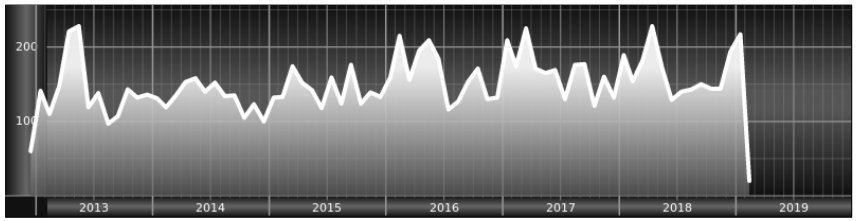
Figure 1: The main caption of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.



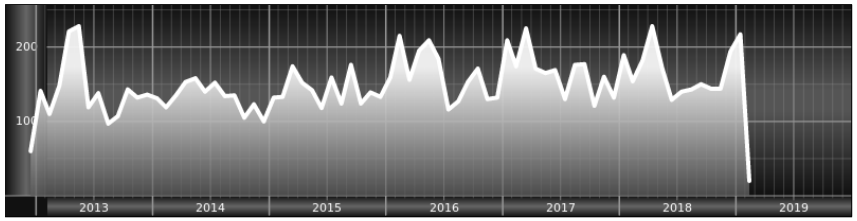
(1) A Caption B of a “fullpage” sub object.



(2) A Caption C of a “fullpage” object, which follows on the left or right column.



(3) A Caption D of a “fullpage” object



(4) A Caption E of a “fullpage” object

```
\captionsetup[sub]{singlelinecheck}
\hvFloat[fullpage,capPos=l,objectFrame,subFloat]%
  +{figure}{}[Short main caption of the objects]%   main short lsi entry
   {The main  caption of a ‘‘fullpage’’ object, which follows on the left or
        right column. This can be an even or odd page. And some more text whch has no
        real meaning because it fills only the space for a long caption.}%  main caption
   {sub:demo0}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   [Short caption B]%
   {A Caption B of a ‘‘fullpage’’ sub object.}%  subcaption
   {}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption C of a ‘‘fullpage’’ object, which follows on the left or right column.}%
   {sub:demo1}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption D of a ‘‘fullpage’’ object}%
   {sub:demo2}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption E of a ‘‘fullpage’’ object}%
   {sub:demo3}
```

4 Heading on Level 1 (section)

float
subfloat

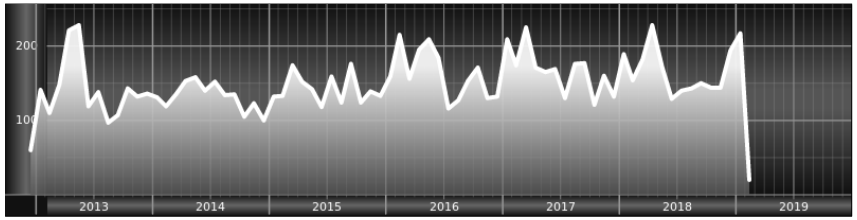
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

4.1 Heading on Level 2 (subsection)

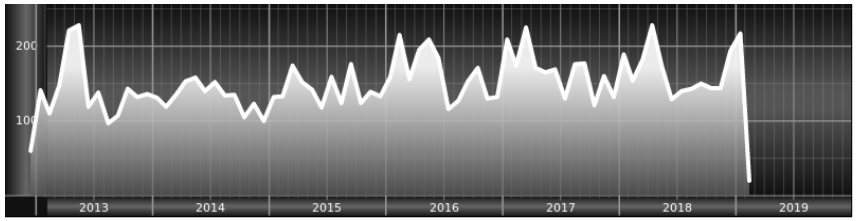
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Figure 1: The main caption of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

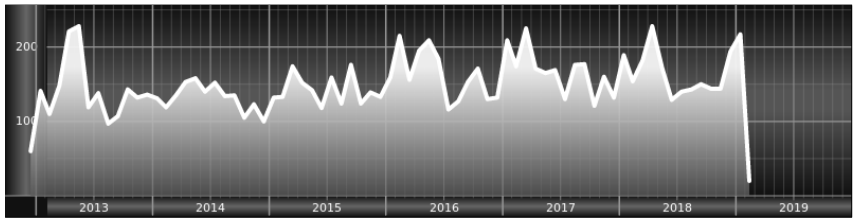
Seite 5



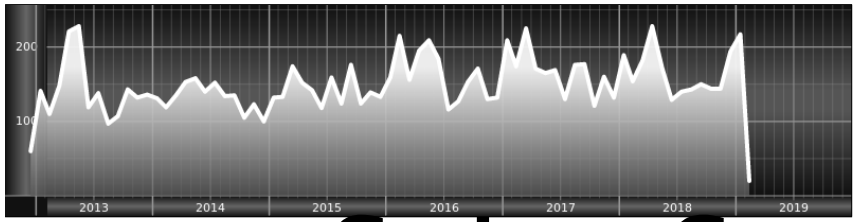
(1) A Caption B of a “fullpage” sub object.



(2) A Caption C of a “fullpage” object, which follows on the left or right column.



(3) A Caption D of a “fullpage” object



(4) A Caption E of a “fullpage” object

Seite 6

should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

5 Lists

5.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

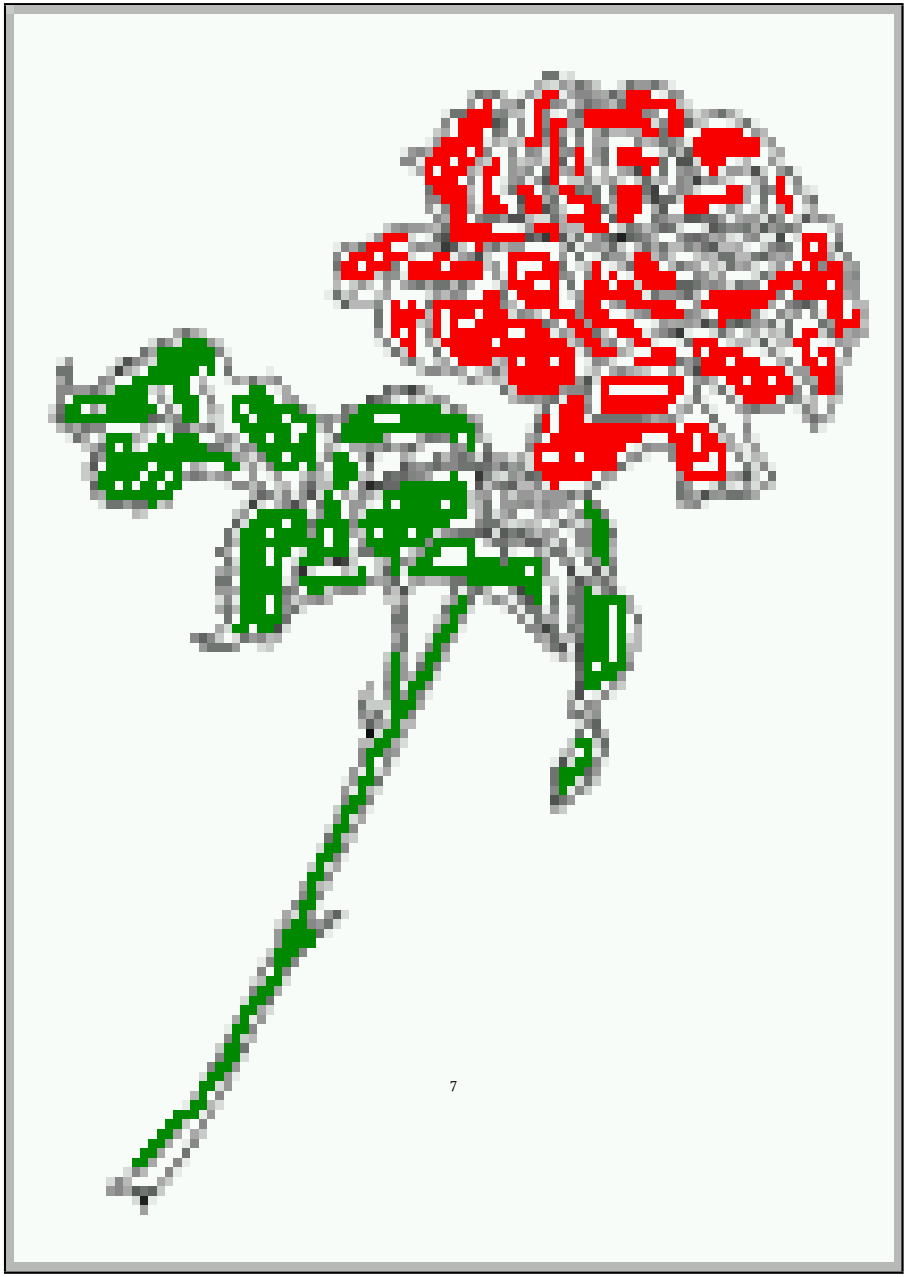
5.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

5.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

Figure 1: A default caption of a “fullpage” object with the default setting, which is a “left” caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.



Zweiseitige Dokumente

- Zweiseitige Dokumente im Einspaltensatz können sinnvollerweise mit den Optionen **capPos=left**, **capPos=right**, **capPos=inner**, **capPos=outer** und für ganzseitige Objekte zusätzlich mit **capPos=before** oder **capPos=after** versehen werden.

Zweiseitige Dokumente

- Zweiseitige Dokumente im Einspaltensatz können sinnvollerweise mit den Optionen **capPos=left**, **capPos=right**, **capPos=inner**, **capPos=outer** und für ganzseitige Objekte zusätzlich mit **capPos=before** oder **capPos=after** versehen werden.
- Wird zusätzlich der Zweispaltensatz gefordert, so können sich die Angaben auf jeweils zwei Spalten, die auf *einer* Seite sind oder auf zwei Spalten, die an der jeweils inneren oder äußeren Kante liegen und sich somit auf *zwei* Seiten beziehen!

Parameter capPos=oddPage (odd)

6 Heading on Level 1 (section)

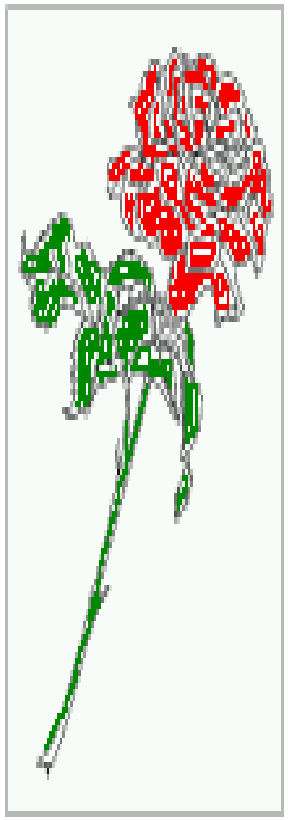
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this



gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7 Lists

7.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list

Figure 2: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

- Fifth item in a list

7.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

7.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

7.2.1 Example for list (4*enumerate)

1. First item in a list
   a) First item in a list
      i. First item in a list
         A. First item in a list
         B. Second item in a list
      ii. Second item in a list
   b) Second item in a list
2. Second item in a list

Parameter capPos=oddPage (odd)

6 Heading on Level 1 (section)

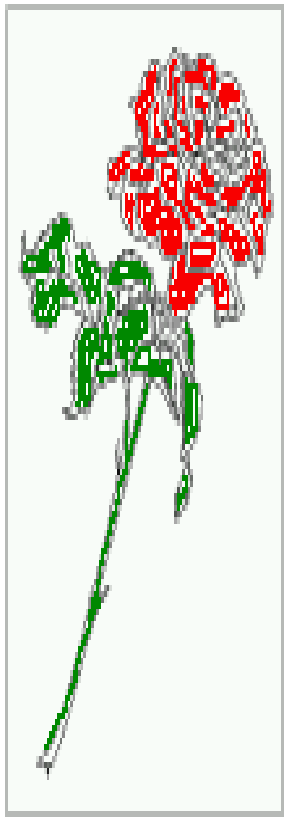
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this



Seite 6

gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7 Lists

7.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list

Figure 2: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

- Fifth item in a list

7.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

7.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

7.2.1 Example for list (4*enumerate)

1. First item in a list
   a) First item in a list
      i. First item in a list
         A. First item in a list
         B. Second item in a list
      ii. Second item in a list
   b) Second item in a list
2. Second item in a list

Seite 7

Parameter capPos=outer (outer)


```
{A Caption on the outer side of a twosided
     document.
 This can be an even or odd page. And some
      more text whch has no
 real meaning because it fills only the space
      for a long caption.}%
{fig:fullpage1}
```

float capPos=o

7 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of

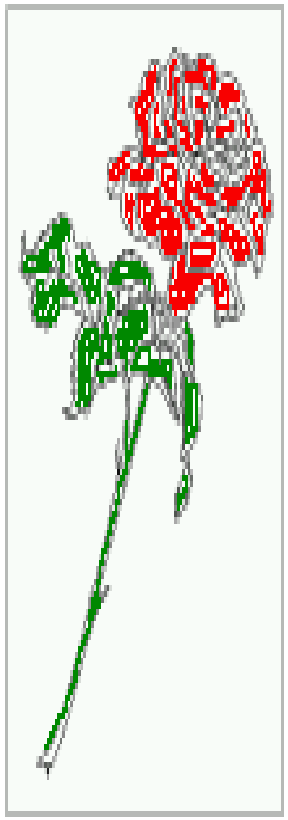


Figure 2: A Caption on the outer side of a twosided document. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

the original language. There is no need for special content, but the length of words should match the language.

7.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

8 Lists

8.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

8.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

8.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

8.2.1 Example for list (4*enumerate)

1. First item in a list
   a) First item in a list
      i. First item in a list
         A. First item in a list
         B. Second item in a list
      ii. Second item in a list
   b) Second item in a list
2. Second item in a list

Parameter capPos=outer (outer)


```
{A Caption on the outer side of a twosided
     document.
 This can be an even or odd page. And some
      more text whch has no
 real meaning because it fills only the space
      for a long caption.}%
{fig:fullpage1}
```

float
capPos=o

7 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of

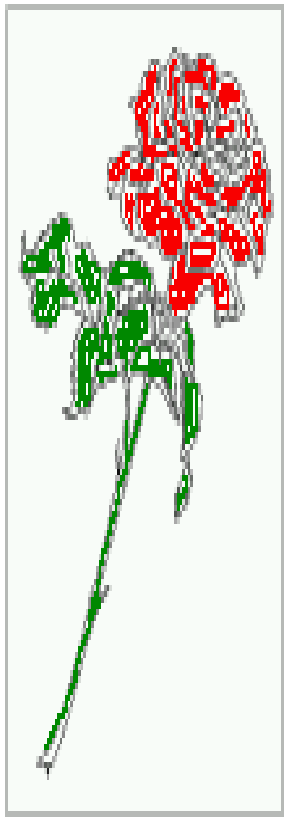


Figure 2: A Caption on the outer side of a twosided document. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Seite 6

the original language. There is no need for special content, but the length of words should match the language.

7.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

8 Lists

8.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

8.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

8.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

8.2.1 Example for list (4*enumerate)

1. First item in a list
   a) First item in a list
      i. First item in a list
         A. First item in a list
         B. Second item in a list
      ii. Second item in a list
   b) Second item in a list
2. Second item in a list

Seite 7

\hvFloat

Multifloats

`\hvFloat*`

Multifloats

```
\hvFloat* [Options]
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  ...
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

Multifloats

```
\hvFloat* [Options]
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  +{float type}{floating object}%
        [short caption] {long caption}{label}
  ...
  +{float type}{floating object}%
        [short caption] {long caption}{label}
```

{*label*} sollten verschieden oder leer sein!

5.3.1 Example for list (4*description)

First item in a list

First item in a list

First item in a list

First item in a list

Second item in a list

Second item in a list

Second item in a list

Second item in a list

```
\captionsetup{singlelinecheck=false}
\hvFloat[fullpage,multiFloat]%
  +{figure}{\includegraphics[height=0.4\
      textheight]{rose}}%%  no 1
   [Short caption A]%
   {A Caption A of a ''fullpage'' object, which
       follows on the left or
    right column. This can be an even or odd
        page. And some more text whch has no
    real meaning because it fills only the space
         for a long caption.}%
   {multi:demo2}%
  +{table}{\begin{tabular}{lr}\hline
                      %  no 2
            Linksbündig & Rechtsbündig\\
            L           & R           \\
            left        & right       \\
            \multicolumn{2}{c}{Multicolumn}\\\
                hline
          \end{tabular}}%
   [Short Caption B]%
   {A Caption B of a ''fullpage'' object, which
       follows on the left or
       right column. This can be an even or odd
            page.}%
   {}%
  +{figure}{\includegraphics[height=0.4\
      textheight]{rose}}%%  no 3
   {A Caption C of a ''fullpage'' object, which
       follows on the left or
      right column.}%
   {multi:demo3}
```

float Multi

6 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

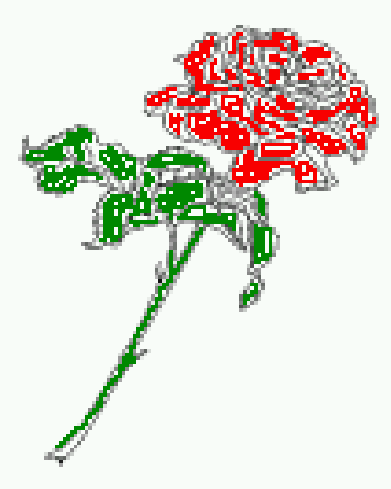
6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of

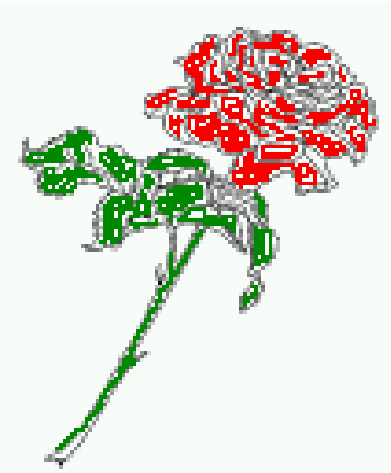
Figure 3: A Caption A of a "fullpage" object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Table 2: A Caption B of a "fullpage" object, which follows on the left or right column. This can be an even or odd page.

Figure 4: A Caption C of a "fullpage" object, which follows on the left or right column.



Linksbündig	Rechtsbündig
L	R
left	right
Multicolumn	



the original language. There is no need for special content, but the length of words should match the language.

6.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7 Lists

7.1 Example for list (itemize)

- First item in a list
- Second item in a list

Gleitumgebungen — Dr.-Ing. Herbert Voß

5.3.1 Example for list (4*description)

First item in a list

First item in a list

First item in a list

First item in a list

Second item in a list

Second item in a list

Second item in a list

Second item in a list

```
\captionsetup{singlelinecheck=false}
\hvFloat[fullpage,multiFloat]%
  +{figure}{\includegraphics[height=0.4\
      textheight]{rose}}%%  no 1
   [Short caption A]%
   {A Caption A of a ''fullpage'' object, which
       follows on the left or
    right column. This can be an even or odd
        page. And some more text whch has no
    real meaning because it fills only the space
         for a long caption.}%
   {multi:demo2}%
  +{table}{\begin{tabular}{lr}\hline
                      %  no 2
            Linksbündig & Rechtsbündig\\
            L           & R           \\
            left        & right       \\
            \multicolumn{2}{c}{Multicolumn}\\\
                hline
          \end{tabular}}%
   [Short Caption B]%
   {A Caption B of a ''fullpage'' object, which
       follows on the left or
       right column. This can be an even or odd
            page.}%
   {}%
  +{figure}{\includegraphics[height=0.4\
      textheight]{rose}}%%  no 3
   {A Caption C of a ''fullpage'' object, which
       follows on the left or
      right column.}%
   {multi:demo3}
```

6 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of

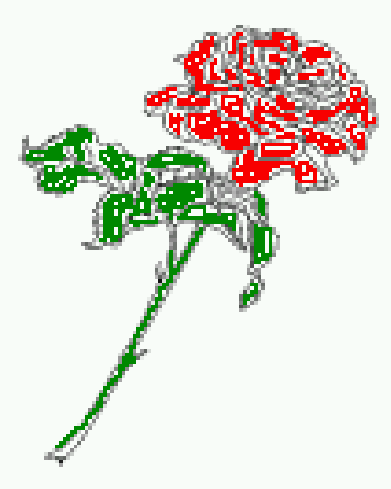
Figure 3: A Caption A of a “fullpage” object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Table 2: A Caption B of a “fullpage” object, which follows on the left or right column. This can be an even or odd page.

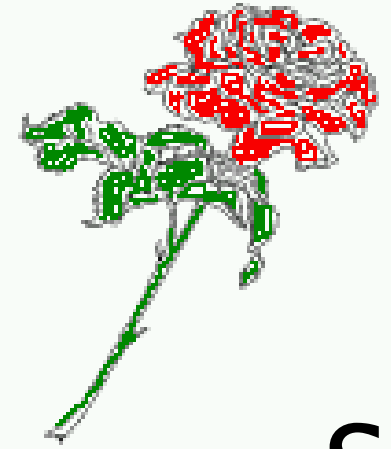
Figure 4: A Caption C of a “fullpage” object, which follows on the left or right column.

float
Multi

Seite 6



Linksbündig	Rechtsbündig
L	R
left	right
Multicolumn	



the original language. There is no need for special content, but the length of words should match the language.

6.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7 Lists

7.1 Example for list (itemize)

- First item in a list
- Second item in a list

Seite 7

Subfloats

Identische Syntax zu Multifloats:

\hvFloat

Subfloats

Identische Syntax zu Multifloats:

`\hvFloat*`

Subfloats

Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
```

Subfloats

Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
  +{float type}{}%
```

Subfloats

Identische Syntax zu Multifloats:

\hvFloat * **[Options]**
+{*float type*}{}%
[main short caption] {*main long caption*}{*main label*}

Subfloats

Identische Syntax zu Multifloats:

\hvFloat * **[Options]**
+{*float type*}{}%
[main short caption] {*main long caption*}{*main label*}
+{}{*floating object*}%
[short subcaption] {*long sub caption*}{*sub label*}

Subfloats

Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
  +{float type}{}%
        [main short caption] {main long caption}{main
label}
  +{}{floating object}%
        [short subcaption] {long sub caption}{sub label}
  ...
  +{}{floating object}%
        [short subcaption] {long subcaption}{sub label}
```

Subfloats

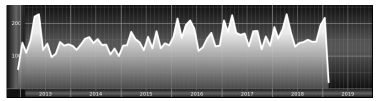
Identische Syntax zu Multifloats:

```
\hvFloat* [Options]
  +{float type}{}%
        [main short caption] {main long caption}{main
label}
  +{}{floating object}%
        [short subcaption] {long sub caption}{sub label}
  ...
  +{}{floating object}%
        [short subcaption] {long subcaption}{sub label}
```

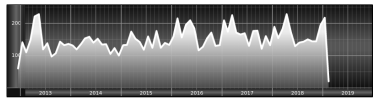
- {*label*} sollten verschieden oder leer sein!
- Die Angabe eines Hauptobjektes {*floating object*} wird ignoriert.
- Die Angabe weiterer {*float type*} wird ignoriert.

Second item in a list

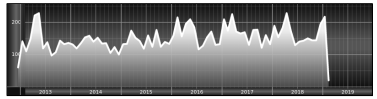
```
\captionsetup[sub]{singlelinecheck}
\hvFloat[fullpage,capPos=l,objectFrame,subFloat]
    %
  +{figure}{}[Short main caption of the objects]
      %   main short lsi entry
   {The main  caption of a ''fullpage'' object,
       which follows on the left or
       right column. This can be an even or odd
            page. And some more text whch has
           no
       real meaning because it fills only the
           space for a long caption.}%  main
           caption
   {sub:demo4}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   [Short caption B]%
   {A Caption B of a ''fullpage'' sub object.}%
       subcaption
   {}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption C of a ''fullpage'' object, which
       follows on the left or right column.}%
   {sub:demo5}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption D of a ''fullpage'' object}%
   {sub:demo2}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption E of a ''fullpage'' object}%
   {sub:demo6}
```



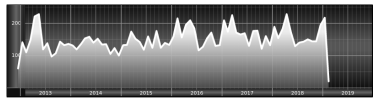
(5) A Caption B of a "fullpage" sub object.



(6) A Caption C of a "fullpage" object, which follows on the left or right column.



(7) A Caption D of a "fullpage" object



(8) A Caption E of a "fullpage" object

float
subfloat

6 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Figure 2: The main caption of a "fullpage" object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7 Lists

7.1 Example for list (itemize)

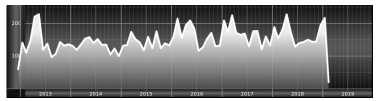
- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

7.1.1 Example for list (4*itemize)

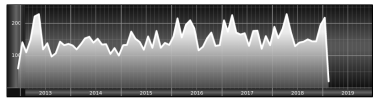
- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

Second item in a list

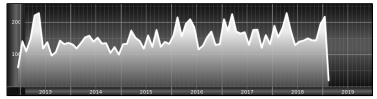
```
\captionsetup[sub]{singlelinecheck}
\hvFloat[fullpage,capPos=l,objectFrame,subFloat]
    %
  +{figure}{}[Short main caption of the objects]
      %   main short lsi entry
   {The main  caption of a ''fullpage'' object,
       which follows on the left or
       right column. This can be an even or odd
            page. And some more text whch has
           no
       real meaning because it fills only the
            space for a long caption.}%  main
            caption
   {sub:demo4}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   [Short caption B]%
   {A Caption B of a ''fullpage'' sub object.}%
        subcaption
   {}%
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption C of a ''fullpage'' object, which
       follows on the left or right column.}%
   {sub:demo5}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption D of a ''fullpage'' object}%
   {sub:demo2}
  +{}{\includegraphics[width=\linewidth]{CTAN}}%
   {A Caption E of a ''fullpage'' object}%
   {sub:demo6}
```



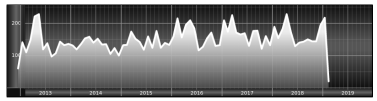
(5) A Caption B of a "fullpage" sub object.



(6) A Caption C of a "fullpage" object, which follows on the left or right column.



(7) A Caption D of a "fullpage" object



(8) A Caption E of a "fullpage" object

float
subfloat

6 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between

Figure 2: The main caption of a "fullpage" object, which follows on the left or right column. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Seite 6

this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

7 Lists

7.1 Example for list (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

7.1.1 Example for list (4*itemize)

- First item in a list
  - First item in a list
    - First item in a list
      - First item in a list
      - Second item in a list
    - Second item in a list
  - Second item in a list
- Second item in a list

Seite 7

Gleitumgebungen — Dr.-Ing. Herbert Voß

Einseitige und einspaltige Dokumente

- Caption muss auf einer anderen Seite erscheinen.

Einseitige und einspaltige Dokumente

- Caption muss auf einer anderen Seite erscheinen.
- Caption kann/soll auf der Seite davor oder danach ausgegeben werden.

Einseitige und einspaltige Dokumente

- Caption muss auf einer anderen Seite erscheinen.
- Caption kann/soll auf der Seite davor oder danach ausgegeben werden.
- Die Optionen **oddPage**/**evenPage** sind möglich, aber letztlich sinnlos bei einseitigen Dokumenten.

Einseitige und einspaltige Dokumente

- Caption muss auf einer anderen Seite erscheinen.
- Caption kann/soll auf der Seite davor oder danach ausgegeben werden.
- Die Optionen **oddPage**/**evenPage** sind möglich, aber letztlich sinnlos bei einseitigen Dokumenten.
- Option **fullpage** bedeutet nur das Reservieren einer kompletten Spalte/Seite für das Objekt, welches *nicht* zwingend den Platz ausfüllen muss!

Einseitige und einspaltige Dokumente

- Caption muss auf einer anderen Seite erscheinen.
- Caption kann/soll auf der Seite davor oder danach ausgegeben werden.
- Die Optionen **oddPage**/**evenPage** sind möglich, aber letztlich sinnlos bei einseitigen Dokumenten.
- Option **`fullpage`** bedeutet nur das Reservieren einer kompletten Spalte/Seite für das Objekt, welches *nicht* zwingend den Platz ausfüllen muss!
- Option **`fullpage`** bei **`\includegraphics`** bedeutet die maximal mögliche und maßstabsgetreue Vergrößerung für eine Seite/Spalte.

Neue Optionen für \includegraphics

```
\define@key{Gin}{columnWidth}[true]{%
    \def\Gin@ewidth{\columnwidth}%
    \Gin@boolkey{true}{iso}}
\define@key{Gin}{fullpage}[true]{%
    \def\Gin@ewidth{\columnwidth}%
    \def\Gin@eheight{\textheight}%
    \Gin@boolkey{false}{iso}}
\define@key{Gin}{FullPage}[true]{%
    \def\Gin@ewidth{\textwidth}%
    \def\Gin@eheight{\textheight}%
    \Gin@boolkey{false}{iso}}
\define@key{Gin}{FULLPAGE}[true]{%
    \def\Gin@ewidth{\paperwidth}%
    \def\Gin@eheight{\paperheight}%
    \Gin@boolkey{false}{iso}}
```

Beispiele für einseitige Objekte

Parameter für **\hvFLoat**:

fullpage Komlette Spalte im **\twocolumn**-Modus.

Beispiele für einseitige Objekte

Parameter für **\hvFLoat**:

fullpage Komlette Spalte im **\twocolumn**-Modus.

FullPage Kompletter Textbereich.

Beispiele für einseitige Objekte

Parameter für **\hvFLoat**:

fullpage Komlette Spalte im **\twocolumn**-Modus.

FullPage Kompletter Textbereich.

FULLPAGE Kompletter Papierbereich für das Objekt.

fullpage

Einseitig/Zweispaltig

```
\hvFloat[fullpage]
{figure}
{\includegraphics[fullpage]{frose}}
```

fullpage

Einseitig/Zweispaltig

2.2.1 Example for list (4*enumerate)

1. First item in a list
   a) First item in a list
      i. First item in a list
         A. First item in a list
         B. Second item in a list
      ii. Second item in a list
   b) Second item in a list
2. Second item in a list

2.3 Example for list (description)

First item in a list

Second item in a list

Third item in a list

Fourth item in a list

Fifth item in a list

2.3.1 Example for list (4*description)

First item in a list

First item in a list

First item in a list

First item in a list

Second item in a list

Second item in a list

Second item in a list

Second item in a list

3 File default1s2c

```
The fullpage image~\vref{fig:fullpage0} has a
    caption~\vpageref{fig:fullpage0-cap}.
```

The fullpage image 1 on the following page has a caption on the current page.

```
\hvFloat[fullpage]%
  {figure}%
  {\includegraphics[fullpage]{frose}}%
  [A fullpage float with the default caption
      setting]%
  {A default caption of a ''fullpage'' object
      with the default setting, which
   is a ''left''  caption which means that it
       always appears before the object.
   This can be an even or odd page. And some
       more text whch has no
   real meaning because it fills only the space
       for a long caption.}%
  {fig:fullpage0}
```

4 Heading on Level 1 (section)

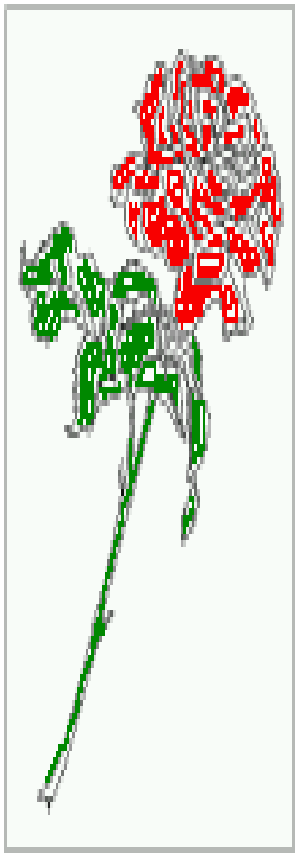
float default

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

4.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text,

Figure 1: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.



you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

4.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

fullpage

Einseitig/Zweispaltig

2.2.1 Example for list (4*enumerate)

1. First item in a list
   a) First item in a list
      i. First item in a list
         A. First item in a list
         B. Second item in a list
      ii. Second item in a list
   b) Second item in a list
2. Second item in a list

2.3 Example for list (description)

First item in a list

Second item in a list

Third item in a list

Fourth item in a list

Fifth item in a list

2.3.1 Example for list (4*description)

First item in a list

First item in a list

First item in a list

First item in a list

Second item in a list

Second item in a list

Second item in a list

Second item in a list

3 File default1s2c

```
The fullpage image~\vref{fig:fullpage0} has a
    caption~\vpageref{fig:fullpage0-cap}.
```

The fullpage image 1 on the following page has a caption on the current page.

```
\hvFloat[fullpage]%
  {figure}%
  {\includegraphics[fullpage]{frose}}%
  [A fullpage float with the default caption
      setting]%
  {A default caption of a ''fullpage'' object
      with the default setting, which
   is a ''left''  caption which means that it
       always appears before the object.
   This can be an even or odd page. And some
       more text whch has no
   real meaning because it fills only the space
       for a long caption.}%
  {fig:fullpage0}
```

4 Heading on Level 1 (section)

float default

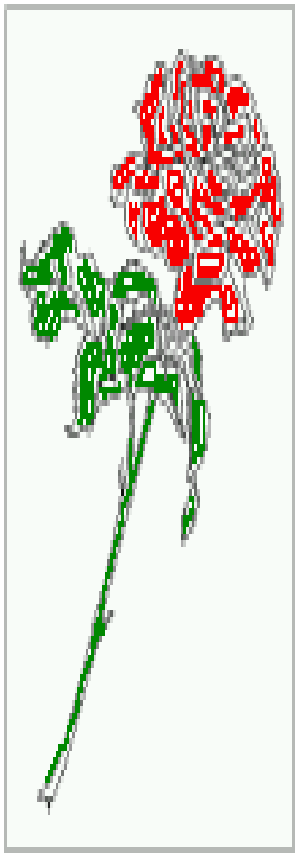
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

4.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text,

Figure 1: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Seite 3



you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

4.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Seite 4

Einseitig/Einspaltig/Papierbereich:

```
\hvFloat*[fullpage]%
  {figure}%
  {\includegraphics[FullPage]{frose}}%
  {...}
```

Einseitig/Einspaltig/Papierbereich:

```
\hvFloat*[fullpage]%
  {figure}%
  {\includegraphics[FullPage]{frose}}%
  {...}
```

Einseitig/Zweispaltig/Papierbereich:

```
\hvFloat*[FULLPAGE]%
  {figure}%
  {\includegraphics[FULLPAGE]{frose}}%
  {...}
```

Parameter capPos=left,fullpage

Einspaltig

Float default

2 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

2.1 Heading on Level 2 (subsection)

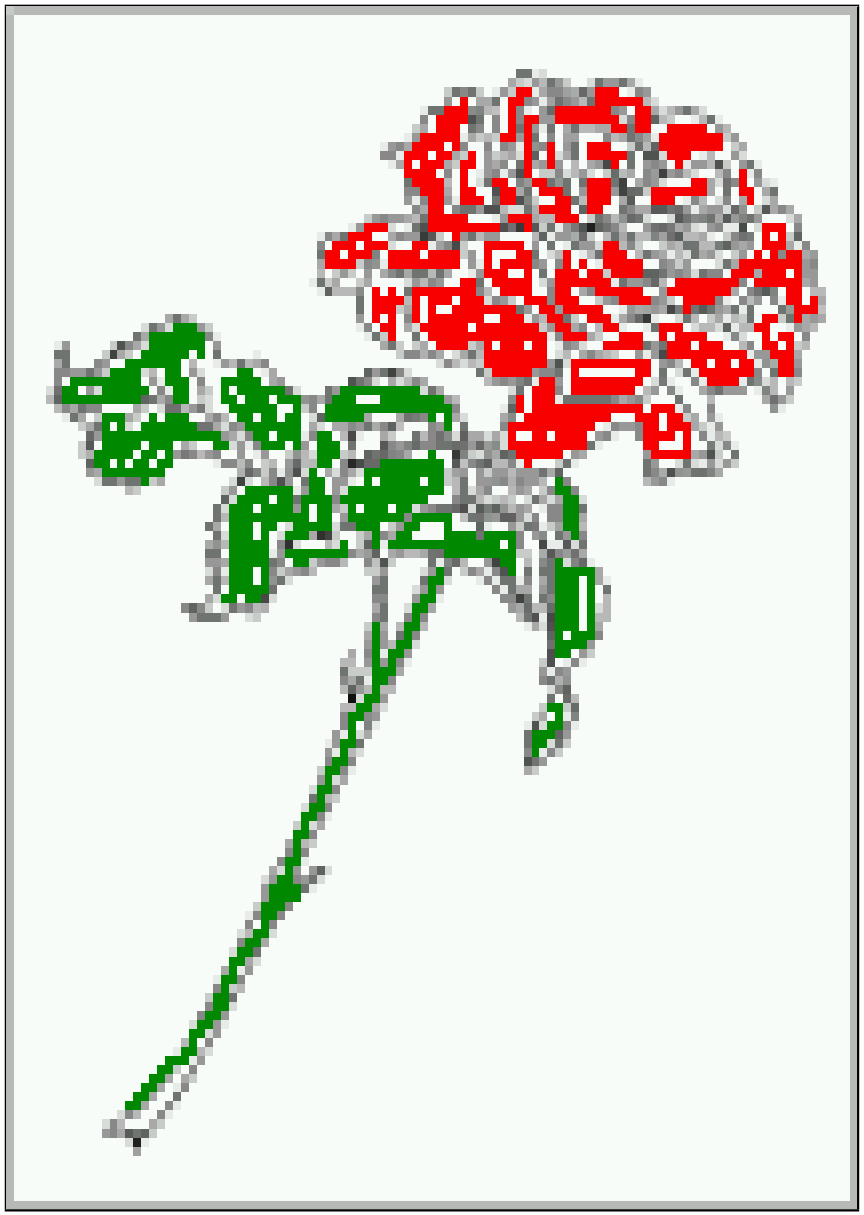
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

2.1.1 Heading on Level 3 (subsubsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading on Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text

Figure 2: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text which has no real meaning because it fills only the space for a long caption.



Parameter capPos=left,fullpage

Einspaltig

Float default

2 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

2.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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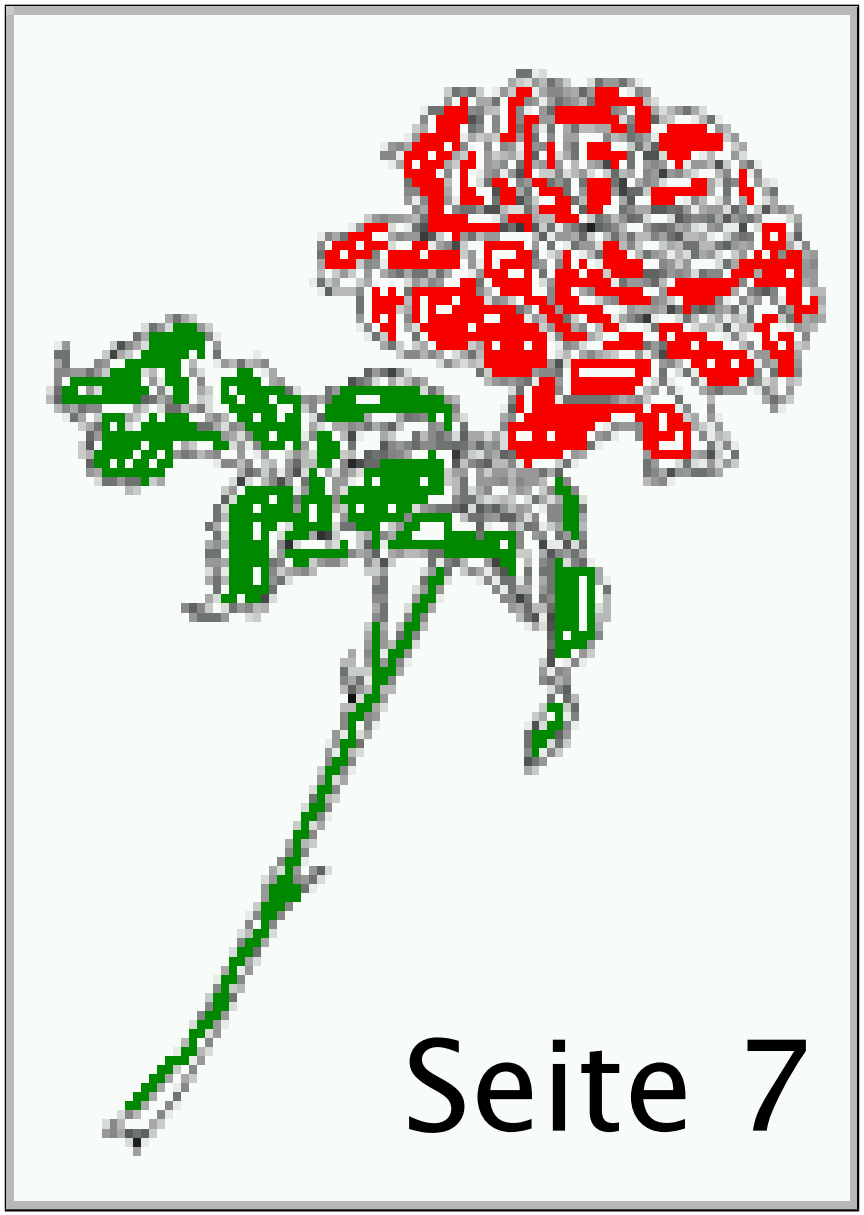
Figure 2: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text which has no real meaning because it fills only the space for a long caption.

Seite 6



Seite 7

Parameter capPos=left,FULLPAGE

Zweispaltig

blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

```
\hvFloat*[FULLPAGE]%
  {figure}%
  {\includegraphics[FULLPAGE]{frose}}%
  [A fullpage float with the default caption
       setting]%
  {A default caption of a ``fullpage'' object
       with the default setting, which
   is a ``left''  caption which means that it
        always appears before the object.
    This can be an even or odd page. And some
         more text whch has no
    real meaning because it fills only the space
         for a long caption.}%
  {fig:fullpage1}
```

float default

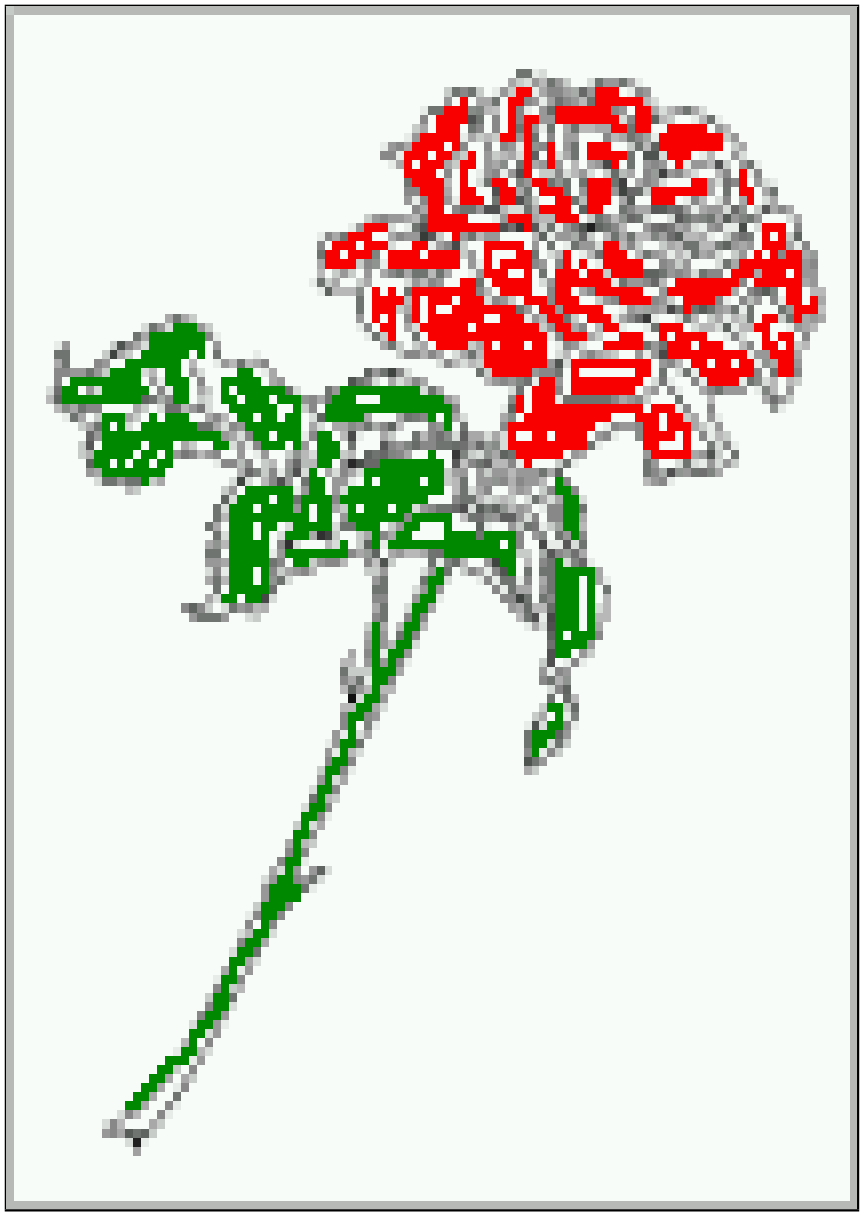
6 Heading on Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters

Figure 2: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.



Parameter capPos=left,FULLPAGE

Zweispaltig

blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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```
\hvFloat*[FULLPAGE]%
  {figure}%
  {\includegraphics[FULLPAGE]{frose}}%
  [A fullpage float with the default caption
       setting]%
  {A default caption of a ``fullpage'' object
       with the default setting, which
   is a ``left''  caption which means that it
        always appears before the object.
    This can be an even or odd page. And some
         more text whch has no
    real meaning because it fills only the space
         for a long caption.}%
  {fig:fullpage1}
```

float default

6 Heading on Level 1 (section)

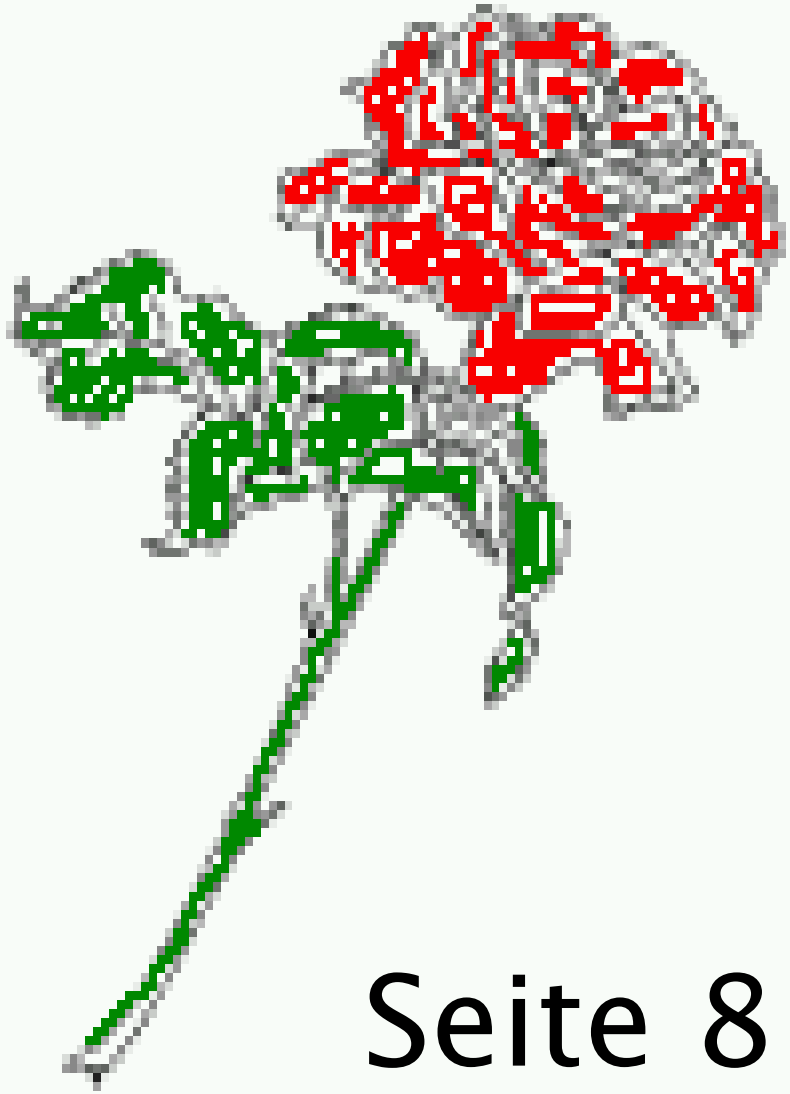
Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

6.1 Heading on Level 2 (subsection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters

Figure 2: A default caption of a "fullpage" object with the default setting, which is a "left" caption which means that it always appears before the object. This can be an even or odd page. And some more text whch has no real meaning because it fills only the space for a long caption.

Seite 7



Seite 8

Doppelseitig

```
\hvFloat[doublePage,capWidth=n,capPos=right]%
  {figure}%
  {\includegraphics[width=2\textwidth]{images/sonne-meer}}%
  {...}
```

Doppelseitig

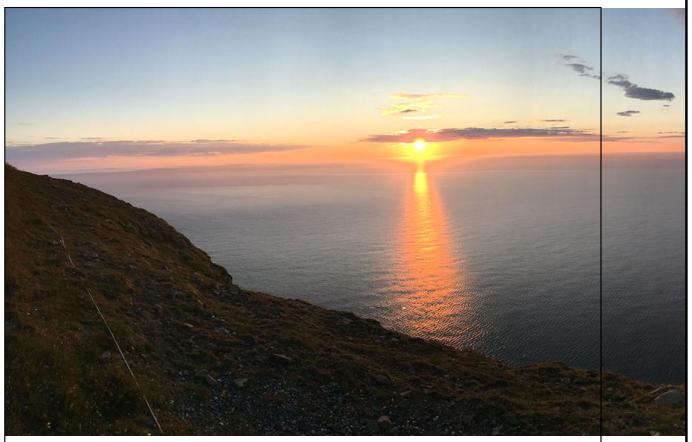
```
\hvFloat[doublePage,capWidth=n,capPos=right]%
  {figure}%
  {\includegraphics[width=2\textwidth]{images/sonne-meer}}%
  {...}
```

Doppelseitig mit Bindekorrektur:

```
\hvFloat[doublePage,capWidth=n,
    bindCorr=\the\dimexpr1in+\oddsidemargin]%
  {figure}%
  {\includegraphics[width=2\textwidth]{images/sonne-meer}}%
  {...}
```

Parameter capPos=right,doublepage

Doppelseitig



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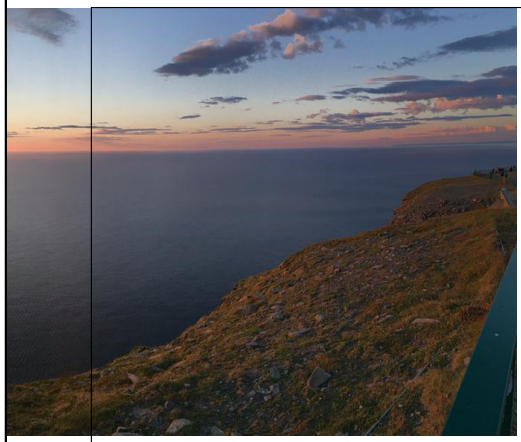

Figure 1: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doublePage

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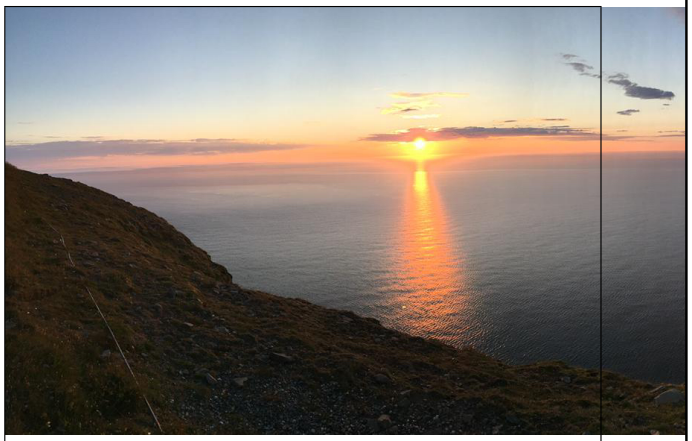
This is the second paragraph. Hello, here is some text without a meaning. This text should

Parameter capPos=right,doublepage

Doppelseitig



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Seite 4

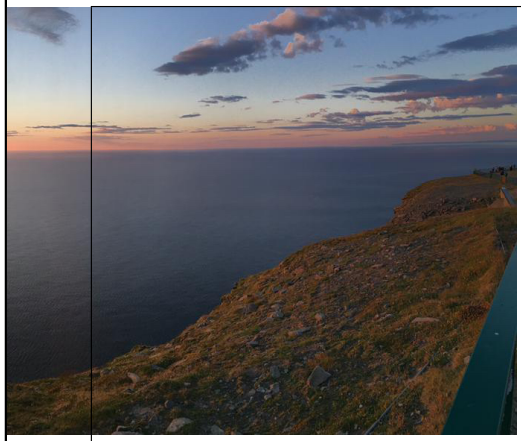

Figure 1: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doublePage

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This is the second paragraph. Hello, here is some text without a meaning. This text should

Seite 5

Parameter capPos=bottom

Doppelseitig

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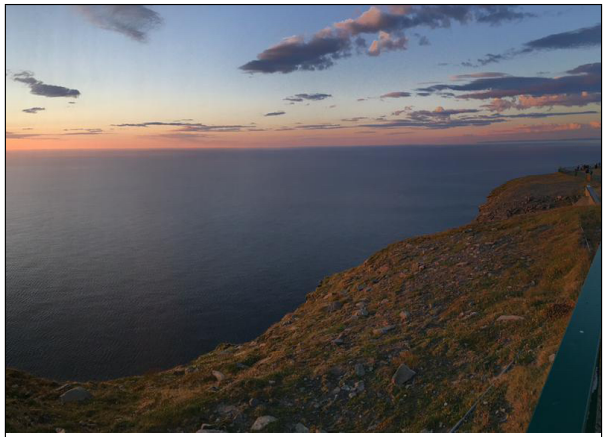

Figure 4: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doublePage

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Parameter capPos=bottom

Doppelseitig

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Seite 16

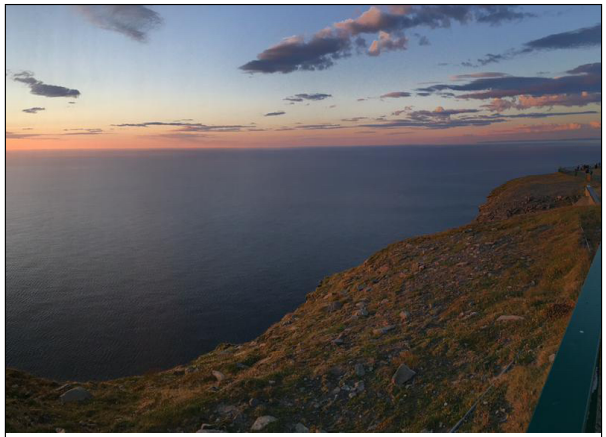

Figure 4: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doublePage

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Seite 17

Parameter capPos=bottom,samehHeight

Doppelseitig

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This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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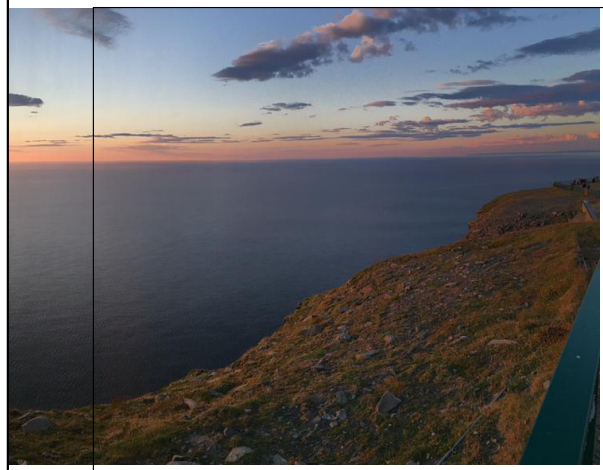

Figure 29: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doublePAGE

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After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Parameter capPos=bottom,samehHeight

Doppelseitig

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Seite 116

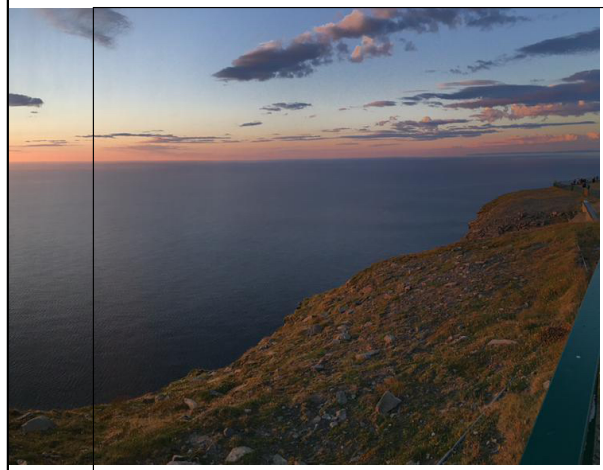

Figure 29: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doublePAGE

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Seite 117

Doppelganzseitig

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
  {\includegraphics[height=\paperheight]{images/rheinsberg}}
  {...}
```

Doppelganzseitig

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
  {\includegraphics[height=\paperheight]{images/rheinsberg}}
  {...}
```

```
\hvFloat*[doubleFULLPAGE,capPos=after,twoColumnCaption]%
  {figure}%
  {\includegraphics[doubleFULLPAGE]{images/rheinsberg}}%
  {...}
```

Parameter capPos=before,doubleFULLPAGE

Komplett Doppelseitig u. zweispaltig

Hello, here is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gef- burn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special contents, but the length of words should match the language.

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Hello, here is the forth paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gef- burn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special contents, but the length of words should match the language.

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Seite 76

Hello, here is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gef- burn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special contents, but the length of words should match the language.

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3.2. The default – in the second column

```
\hvFloat[doubleFULLPAGE,capPos=before]%
  {figure}%
  {\includegraphics[height=\paperheight]{images/
       rheinsberg}}%
  [A doublepage image with a caption on the
       right side of the right part.]%
  {A caption for a double-sided image that will
       be placed on the right side of the
    right-hand part of the illustration. The
       illustration begins on the left edge of
    the paper. A short form is used for the LOF.
    The parameter is \texttt{doubleFULLPAGE}}%
  {fig:doubleFULLPAGE02ndn}
```

Hello, here is some text without a meaning. This text should show what a printed text will

Fig. 18

Figure 18: A caption for a double-sided image that will be placed on the right side of the right-hand part of the illustration. The illustration begins on the left edge of the paper. A short form is used for the LOF. The parameter is doubleFULLPAGE

Seite 77

Parameter capPos=before,doubleFULLPAGE

Komplett Doppelseitig u. zweispaltig

Parameter capPos=after,doubleFULLPAGE

Komplett Doppelseitig

Parameter capPos=after,doubleFULLPAGE

Komplett Doppelseitig

Parameter capPos=after,doubleFULLPAGE

Komplett Doppelseitig

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Figure 19: A caption for a double-sided image that will be placed at the bottom of the following page. The doublepage image begins on the left edge of the paper. A short form is used for the LOF. The parameter is doubleFULLPAGE

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the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special contents, but the length of words should match the language.

Hello, here is the forth paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gef- burn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special contents, but the length of words should match the language.

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Seite 87

Überbreite Tabellen

- Formal interessiert die Art des Objekts nicht!

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- Die Teilung in Links/Rechts erfordert ohnehin eine Box.

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- Seitenteilung in der Mitte einer Spalte muss vermieden werden.
- Zur besseren Übersicht Tabelle vorher in eine Box setzen: **\hv0Box**

Überbreite Tabellen

```
\savebox\hvOBox{%
\begin{tabular}{l @{} *{13}r @{\quad}*8r} \toprule
 & \textbf{1972} & \textbf{1973} & \textbf{1974} & \textbf{1975} & \textbf{1976}
 & \textbf{1977} & \textbf{1978} & \textbf{1979} & \textbf{1980}  & \textbf{1981} & \textbf{1982} & \t
 & \textbf{1986} & \textbf{1987} & \textbf{1988} & \textbf{1989}  & \textbf{1990} & \textbf{1991} & \t
 \\\midrule
\addlinespace[3pt]
Line No 1 & 1 & 3 & 1 & 1 & 1 & 0 & 1 & 1 & 0 & 0 & 0 & 0 &20 & 0 & 2 & 2 & 2 & 1 & 2 & 1 & 0 \\\addli
Line No 2 & 1 & 1 & 3 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 2 & 1 & 3 & 4 & 4 & 6 & 4 & 2 & 2 & 1 & 0 \\\addli
Line No 3 & 2 & 1 & 2 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 5 & 3 & 1 & 7 & 7 & 3 & 2 & 1 & 0 \\\addli
Line No 4 & 1 & 0 & 5 & 1 & 2 & 0 & 0 & 0 & 0 & 2 & 6 & 0 & 1 & 0 & 3 & 7 & 2 & 1 & 2 & 1 & 0 \\\addli
Line No 6 & 2 & 1 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 2 & 0 & 5 & 2 & 2 & 5 & 4 & 2 & 2 & 1 & 0 \\\addli
Line No 5 & 0 & 0 & 4 & 2 & 1 & 2 & 2 & 1 & 0 & 0 & 0 & 1 & 1 & 0 & 2 & 5 & 4 & 3 & 2 & 1 & 0 \\\addli
Line No 8 & 0 & 1 & 1 & 0 & 0 & 0 & 1 & 1 & 0 & 3 & 2 & 1 & 2 & 1 & 3 & 5 & 3 & 4 & 2 & 1 & 0 \\\addli
Line No 9 & 0 & 0 & 0 & 0 & 0 & 1 & 2 & 1 & 0 & 0 & 0 & 0 & 4 & 2 & 1 & 4 & 5 & 2 & 2 & 1 & 0 \\\addli
Line No10 & 0 & 1 & 3 & 0 & 1 & 0 & 1 & 0 & 0 & 1 & 1 & 0 & 1 & 1 & 1 & 4 & 4 & 1 & 2 & 1 & 0 \\\addli
Line No11 & 0 & 2 & 2 & 1 & 1 & 0 & 1 & 0 & 0 & 0 & 0 & 2 & 6 & 1 & 0 & 2 & 1 & 1 & 2 & 6 & 0 \\\addli
Line No12 & 2 & 0 & 2 & 4 & 1 & 0 & 4 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 3 & 2 & 6 & 0 \\\addli
xyz       & 2 & 3 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 2 & 0 & 0 & 2 & 2 & 2 & 2 & 6 & 0 \\\addli
Line No13 & 0 & 1 & 0 & 0 & 1 & 0 & 3 & 0 & 0 & 0 & 0 & 0 & 0 & 2 & 0 & 1 & 3 & 0 & 2 & 2 & 6 & 0 \\\addli
Line No14 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 3 & 3 & 2 & 1 & 1 & 0 & 2 & 6 & 0 \\\addli
Line No15 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 4 & 0 & 0 & 3 & 1 & 1 & 2 & 6 & 0 \\\addli
Line No16 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 3 & 5 & 0 & 1 & 2 & 6 & 1 \\\addli
Some numbers & 2 & 6 & 13 & 8 & 4 & 3 & 5 & 4 & 0 & 6 & 3 & 5 &23 &10 & 8 & 15 & 13 &1 & 32 & 51 & 1\\
\bottomrule
\end{tabular}}
```

Doppelseitige Tabelle

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Line No 1	1	3	1	1	1	0	1	1	0	0	0	0
Line No 2	1	1	3	1	0	0	0	0	0	0	2	1
Line No 3	2	1	2	1	0	0	0	0	0	0	0	1
Line No 4	1	0	5	1	2	0	0	0	0	2	6	0
Line No 6	2	1	1	0	0	0	0	0	0	1	2	0
Line No 5	0	0	4	2	1	2	2	1	0	0	0	1
Line No 8	0	1	1	0	0	0	1	1	0	3	2	1
Line No 9	0	0	0	0	0	1	2	1	0	0	0	0
Line No10	0	1	3	0	1	0	1	0	0	1	1	0
Line No11	0	2	2	1	1	0	1	0	0	0	0	2
Line No12	2	0	2	4	1	0	4	0	0	0	0	0
xyz	2	3	0	0	0	0	0	0	0	0	1	0
Line No13	0	1	0	0	1	0	3	0	0	0	0	0
Line No14	0	1	0	0	0	0	0	0	0	0	0	0
Line No15	0	0	0	0	0	0	0	0	0	1	0	0
Line No16	0	0	0	0	0	1	0	0	0	0	0	0
Some numbers	2	6	13	8	4	3	5	4	0	6	3	5

	1984	1985	1986	1987	1988	1989	1990	1991	1992
Line No 1	20	0	2	2	2	1	2	1	0
Line No 2	3	4	4	6	4	2	2	1	0
Line No 3	5	3	1	7	7	3	2	1	0
Line No 4	1	0	3	7	2	1	2	1	0
Line No 6	5	2	2	5	4	2	2	1	0
Line No 5	1	0	2	5	4	3	2	1	0
Line No 8	2	1	3	5	3	4	2	1	0
Line No 9	4	2	1	4	5	2	2	1	0
Line No10	1	1	1	4	4	1	2	1	0
Line No11	6	1	0	2	1	1	2	6	0
Line No12	0	0	0	1	0	3	2	6	0
xyz	2	0	0	2	2	2	2	6	0
Line No13	2	0	1	3	0	2	2	6	0
Line No14	3	3	2	1	1	0	2	6	0
Line No15	4	0	0	3	1	1	2	6	0
Line No16	0	0	3	5	0	1	2	6	1
Some numbers	23	10	8	15	13	1	32	51	1

Abbildung 1: Hier erscheint eine Beschriftung für die doppelseitige Tabelle, senkrecht neben der Tabelle.

sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Das hier ist der zweite Absatz. Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Und nun folgt – ob man es glaubt oder nicht – der dritte Absatz. Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er

Seite 2

muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Nach diesem vierten Absatz beginnen wir eine neue Zählung. Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

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Seite 3

Doppelseitige Tabelle mit Bindekorrektur

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Line No 1	1	3	1	1	1	0	1	1	0	0	0
Line No 2	1	1	3	1	0	0	0	0	0	0	2
Line No 3	2	1	2	1	0	0	0	0	0	0	0
Line No 4	1	0	5	1	2	0	0	0	0	2	6
Line No 6	2	1	1	0	0	0	0	0	0	1	2
Line No 5	0	0	4	2	1	2	2	1	0	0	0
Line No 8	0	1	1	0	0	0	1	1	0	3	2
Line No 9	0	0	0	0	0	1	2	1	0	0	0
Line No10	0	1	3	0	1	0	1	0	0	1	1
Line No11	0	2	2	1	1	0	1	0	0	0	0
Line No12	2	0	2	4	1	0	4	0	0	0	0
xyz	2	3	0	0	0	0	0	0	0	0	1
Line No13	0	1	0	0	1	0	3	0	0	0	0
Line No14	0	1	0	0	0	0	0	0	0	0	0
Line No15	0	0	0	0	0	0	0	0	0	1	0
Line No16	0	0	0	0	0	1	0	0	0	0	0
Some numbers	2	6	13	8	4	3	5	4	0	6	3

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Line No 1	0	20	0	2	2	2	1	2	1	0
Line No 2	1	3	4	4	6	4	2	2	1	0
Line No 3	1	5	3	1	7	7	3	2	1	0
Line No 4	0	1	0	3	7	2	1	2	1	0
Line No 6	0	5	2	2	5	4	2	2	1	0
Line No 5	1	1	0	2	5	4	3	2	1	0
Line No 8	1	2	1	3	5	3	4	2	1	0
Line No 9	0	4	2	1	4	5	2	2	1	0
Line No10	0	1	1	1	4	4	1	2	1	0
Line No11	2	6	1	0	2	1	1	2	6	0
Line No12	0	0	0	0	1	0	3	2	6	0
xyz	0	2	0	0	2	2	2	2	6	0
Line No13	0	2	0	1	3	0	2	2	6	0
Line No14	0	3	3	2	1	1	0	2	6	0
Line No15	0	4	0	0	3	1	1	2	6	0
Line No16	0	0	0	3	5	0	1	2	6	1
Some numbers	5	23	10	8	15	13	1	32	51	1

Abbildung 2: Hier erscheint eine Beschriftung für die doppelseitige Tabelle, senkrecht neben der Tabelle.

den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Nach diesem vierten Absatz beginnen wir eine neue Zählung. Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre

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Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Das hier ist der zweite Absatz. Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte möglichst viele verschiedene Buchstaben enthalten und in der Originalsprache gesetzt sein. Er muss keinen Sinn ergeben, sollte aber lesbar sein. Fremdsprachige Texte wie „Lorem ipsum“ dienen nicht dem eigentlichen Zweck, da sie eine falsche Anmutung vermitteln.

Und nun folgt – ob man es glaubt oder nicht – der dritte Absatz. Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer diesen Text liest, ist selbst schuld. Der Text gibt lediglich den Grauwert der Schrift an. Ist das wirklich so? Ist es gleichgültig, ob ich schreibe: „Dies ist ein Blindtext“ oder „Huardest gefburn“? Kjift – mitnichten! Ein Blindtext bietet mir wichtige Informationen. An ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie harmonisch die Figuren zueinander stehen und prüfe, wie breit oder schmal sie läuft. Ein Blindtext sollte

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Label

auf doppelseitige Objekte

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
  {\includegraphics[height=\paperheight]{images/rheinsberg}}
  {...}
  {foo}
```

Label

auf doppelseitige Objekte

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
  {\includegraphics[height=\paperheight]{images/rheinsberg}}
  {...}
  {foo}
```

Intern werden zwei zusätzliche Marken gesetzt:
foo-cap und **foo-2**

Label

auf doppelseitige Objekte

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
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```

Intern werden zwei zusätzliche Marken gesetzt:
foo-cap und **foo-2**

- **foo-cap** zeigt auf die Beschriftung der Abbildung;

Label

auf doppelseitige Objekte

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
  {\includegraphics[height=\paperheight]{images/rheinsberg}}
  {...}
  {foo}
```

Intern werden zwei zusätzliche Marken gesetzt:
foo-cap und **foo-2**

- **foo-cap** zeigt auf die Beschriftung der Abbildung;
- **foo** zeigt auf die linke Seite der Abbildung;

Label

auf doppelseitige Objekte

```
\hvFloat[doubleFULLPAGE,capPos=before]
  {figure}
  {\includegraphics[height=\paperheight]{images/rheinsberg}}
  {...}
  {foo}
```

Intern werden zwei zusätzliche Marken gesetzt:
foo-cap und **foo-2**

- **foo-cap** zeigt auf die Beschriftung der Abbildung;
- **foo** zeigt auf die linke Seite der Abbildung;
- **foo-2** zeigt auf die rechte Seite der Abbildung;