Chapter 1

Float Boxes with Foots: Variants of Layout

In this sample file are gathered plain float environments and float rows with usage of all predefined base float styles. You may try to run this document with `shadowbox` frame: uncomment line with `\usepackage{fr-fancy}` at the preamble and lines below.

The default vertical alignment of float objects is centered. To change alignment to top edge you may say:

`\floatsetup{valign=t}`

like in current sample. Keys are analogous to option of vertical alignment in minipage and `\parbox`: `t`—for top alignment, `c`—for center alignment, `b`—for bottom alignment, and `s`—to stretch float object material to full height.

Note. All float styles with frames get `frameset={\fboxsep7.5pt}` to get more visible differences between fitted and non-fitted frames.

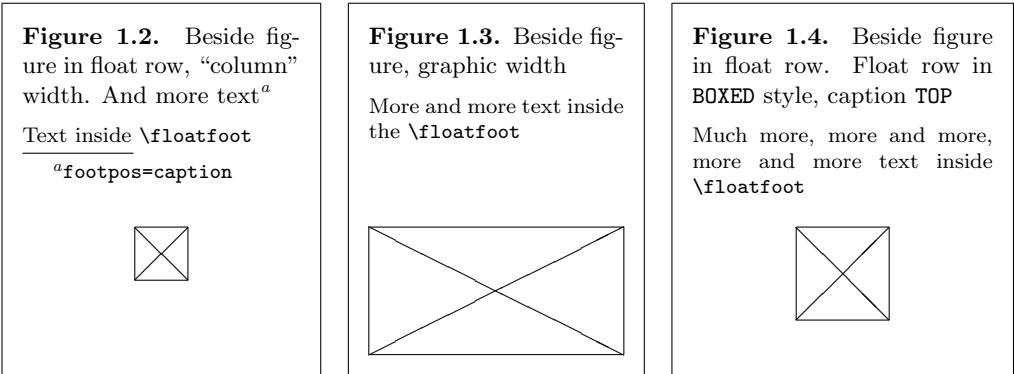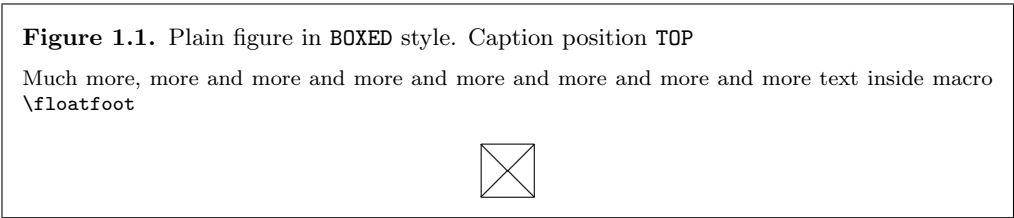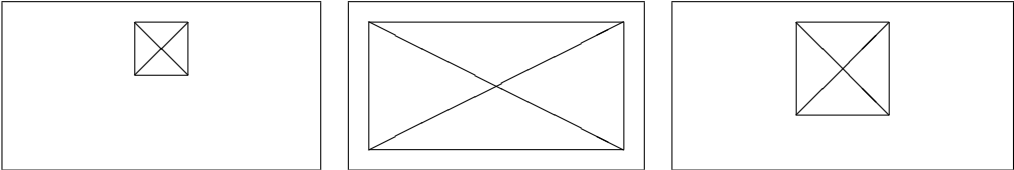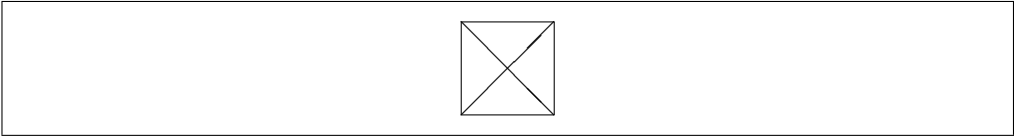Var. I: \floatsetup{style=BOXED,capposition=TOP,footposition=caption}

Figure 1.1. Plain figure in BOXED style. Caption position TOP

Much more, more and more and more and more and more and more and more text inside macro \floatfoot

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Figure 1.2. Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

　　[a]footpos=caption

Figure 1.3. Beside figure, graphic width

More and more text inside the \floatfoot

Figure 1.4. Beside figure in float row. Float row in BOXED style, caption TOP

Much more, more and more, more and more text inside \floatfoot

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Figure 1.5. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.6. Alone caption inside \floatbox. Float row in BOXED style, caption TOP. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics
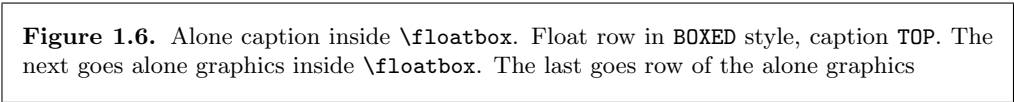
Var. II: \floatsetup{style=BOXED,capposition=bottom,footposition=caption}

Figure 1.7. Plain figure in `BOXED` style. Caption position `bottom`

Much more, more and more and more and more and more and more and more text inside macro \floatfoot

Figure 1.8. Beside figure in float row, "column" width. And more text[a]

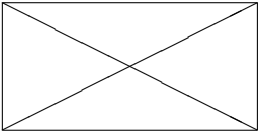Text inside \floatfoot

[a]footpos=caption

Figure 1.9. Beside figure, graphic width

More and more text inside the \floatfoot

Figure 1.10. Beside figure in float row. Float row in `BOXED` style, caption `bottom`

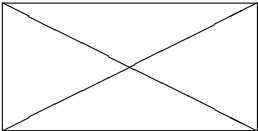Much more, more and more, more and more text inside \floatfoot

**Figure 1.11.** Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.12. Alone caption inside \floatbox. Float row in `BOXED` style, caption `bottom`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

Var. III: `\floatsetup{style=Ruled,capposition=TOP,footposition=caption}`

Figure 1.13 Plain figure in `Ruled` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.14 Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

[a]`footpos=caption`

Figure 1.15 Beside figure, graphic width
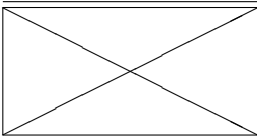
More and more text inside the `\floatfoot`

Figure 1.16 Beside figure in float row. Float row in `Ruled` style, caption `TOP`

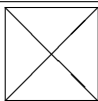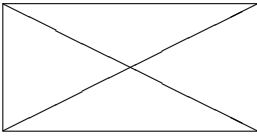Much more, more and more, more and more text inside `\floatfoot`

Figure 1.17. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.18 Alone caption inside `\floatbox`. Float row in `Ruled` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. IV: `\floatsetup{style=Ruled,capposition=bottom,footposition=caption}`

Figure 1.19 Plain figure in `Ruled` style. Caption position `bottom`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.20 Beside figure in float row, "column" width. And more text[a]
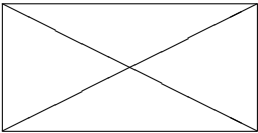
Text inside `\floatfoot`

[a]`footpos=caption`

Figure 1.21 Beside figure, graphic width

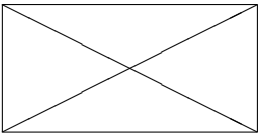More and more text inside the `\floatfoot`

Figure 1.22 Beside figure in float row. Float row in `Ruled` style, caption `bottom`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.23. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.24 Alone caption inside `\floatbox`. Float row in `Ruled` style, caption `bottom`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. V: `\floatsetup{style=Boxed,capposition=TOP,footposition=caption}`

Figure 1.25. Plain figure in `Boxed` style. Caption position `TOP`

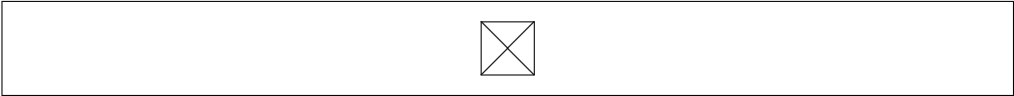Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.26. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`
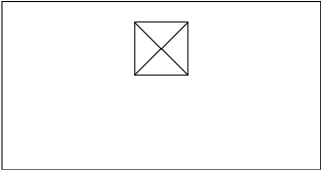
    [a]`footpos=caption`

Figure 1.27. Beside figure, graphic width

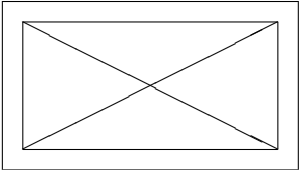More and more text inside the `\floatfoot`

Figure 1.28. Beside figure in float row. Float row in `Boxed` style, caption `TOP`

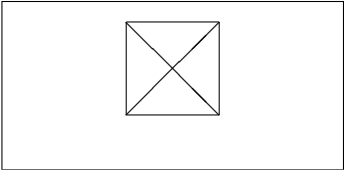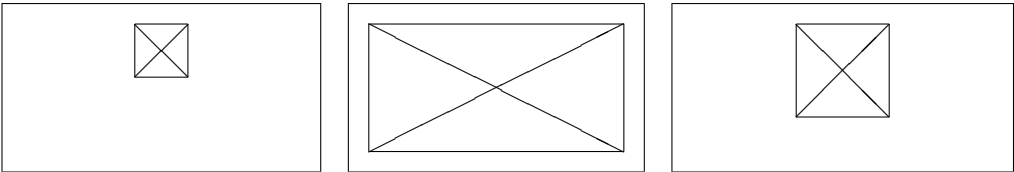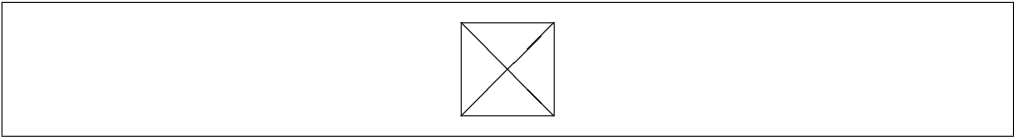Much more, more and more, more and more text inside `\floatfoot`

Figure 1.29. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.30. Alone caption inside `\floatbox`. Float row in `Boxed` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

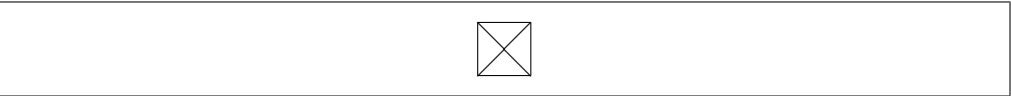Var. VI: \floatsetup{style=Boxed,capposition=bottom,footposition=caption}

Figure 1.31. Plain figure in `Boxed` style. Caption position `bottom`

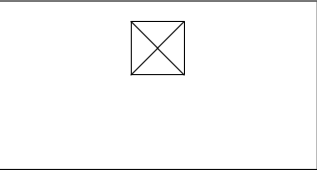Much more, more and more and more and more and more and more and more text inside macro \floatfoot

Figure 1.32. Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot
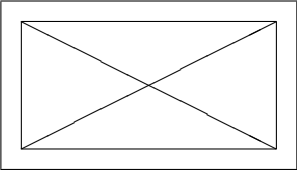
  [a]`footpos=caption`

Figure 1.33. Beside figure, graphic width

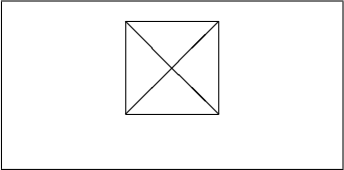More and more text inside the \floatfoot

Figure 1.34. Beside figure in float row. Float row in `Boxed` style, caption `bottom`

Much more, more and more, more and more text inside \floatfoot
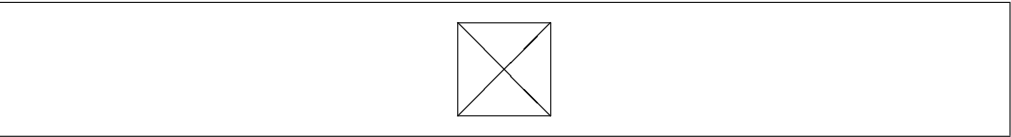
Figure 1.35. Alone caption inside \captionof

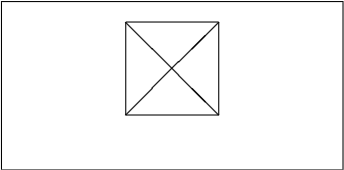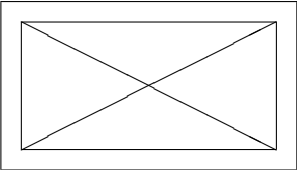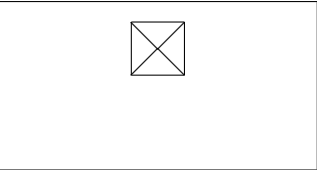Alone starred caption inside \captionof*

Figure 1.36. Alone caption inside \floatbox. Float row in `Boxed` style, caption `bottom`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

Var. VII: `\floatsetup{style=BOXED,capposition=TOP,footposition=default}`

Figure 1.37. Plain figure in `BOXED` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.38. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

[a]`footpos=default`

Figure 1.39. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.40. Beside figure in float row. Float row in `BOXED` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.41. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.42. Alone caption inside `\floatbox`. Float row in `BOXED` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. VIII: \floatsetup{style=BOXED,capposition=bottom,footposition=default}

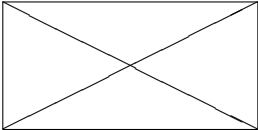**Figure 1.43.** Plain figure in BOXED style. Caption position bottom

Much more, more and more and more and more and more and more and more text inside macro
\floatfoot

**Figure 1.44.** Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

[a]footpos=default

Figure 1.45. Beside figure, graphic width

More and more text inside the \floatfoot

**Figure 1.46.** Beside figure in float row. Float row in BOXED style, caption bottom

Much more, more and more, more and more text inside \floatfoot
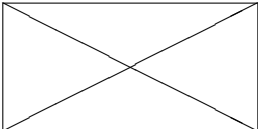

**Figure 1.47.** Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.48. Alone caption inside \floatbox. Float row in BOXED style, caption bottom. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics
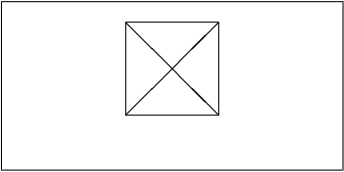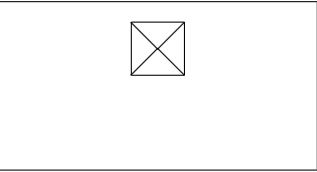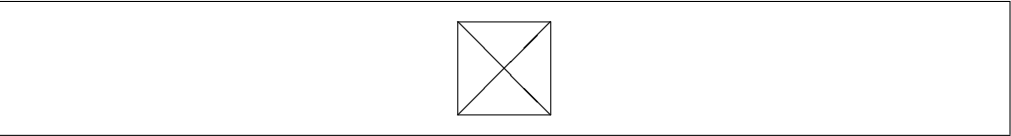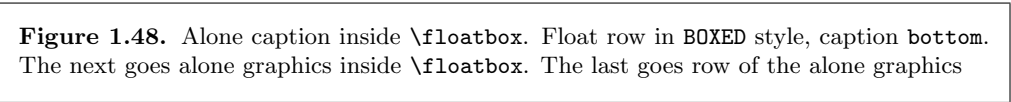
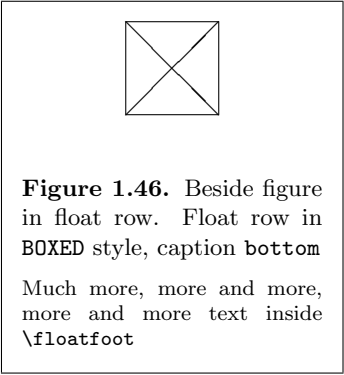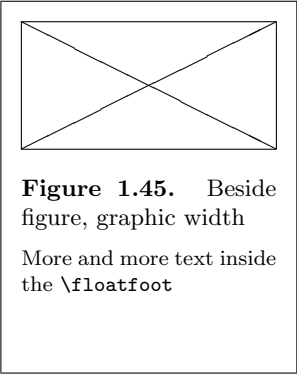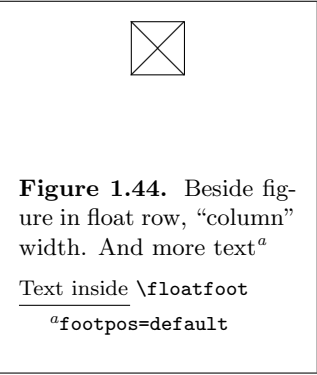Var. IX: \floatsetup{style=Ruled,capposition=TOP,footposition=default}

Figure 1.49 Plain figure in `Ruled` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro \floatfoot

Figure 1.50 Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

[a]footpos=default

Figure 1.51 Beside figure, graphic width

More and more text inside the \floatfoot

Figure 1.52 Beside figure in float row. Float row in `Ruled` style, caption `TOP`

Much more, more and more, more and more text inside \floatfoot

Figure 1.53. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.54 Alone caption inside \floatbox. Float row in `Ruled` style, caption `TOP`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

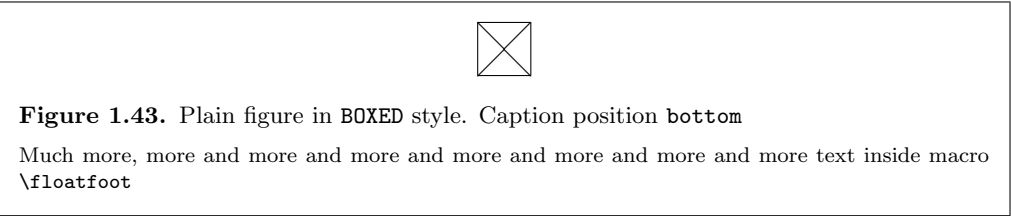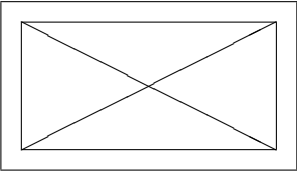Var. X: \floatsetup{style=Ruled,capposition=bottom,footposition=default}

Figure 1.55 Plain figure in `Ruled` style. Caption position `bottom`
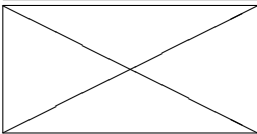
Much more, more and more and more and more and more and more and more text inside macro \floatfoot

Figure 1.56 Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

[a]`footpos=default`

Figure 1.57 Beside figure, graphic width

More and more text inside the \floatfoot

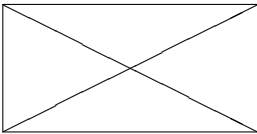**Figure 1.58** Beside figure in float row. Float row in `Ruled` style, caption `bottom`

Much more, more and more, more and more text inside \floatfoot

Figure 1.59. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.60 Alone caption inside \floatbox. Float row in `Ruled` style, caption `bottom`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

Var. XI: `\floatsetup{style=Boxed,capposition=TOP,footposition=default}`

Figure 1.61. Plain figure in `Boxed` style. Caption position `TOP`

Much more, more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.62. Beside figure in float row, "column" width. And more text[a]

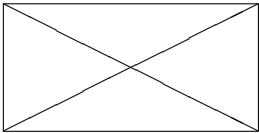Text inside `\floatfoot`

[a]`footpos=default`
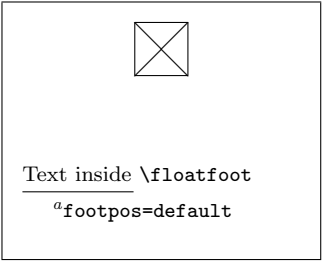
Figure 1.63. Beside figure, graphic width
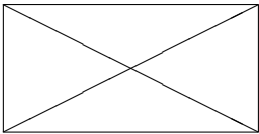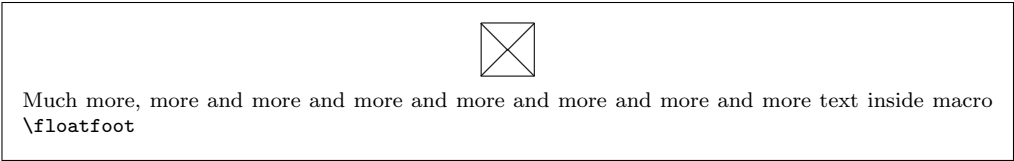
More and more text inside the `\floatfoot`

Figure 1.64. Beside figure in float row. Float row in `Boxed` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.65. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.66. Alone caption inside `\floatbox`. Float row in `Boxed` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. XII: `\floatsetup{style=Boxed,capposition=bottom,footposition=default}`

Figure 1.67. Plain figure in `Boxed` style. Caption position `bottom`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.68. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

[a]`footpos=default`

Figure 1.69. Beside figure, graphic width
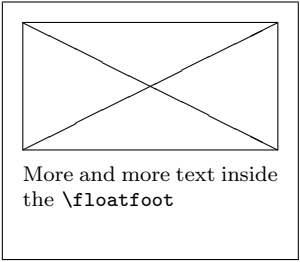
More and more text inside the `\floatfoot`

Figure 1.70. Beside figure in float row. Float row in `Boxed` style, caption `bottom`

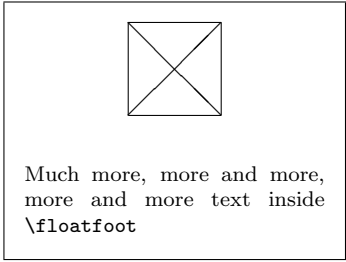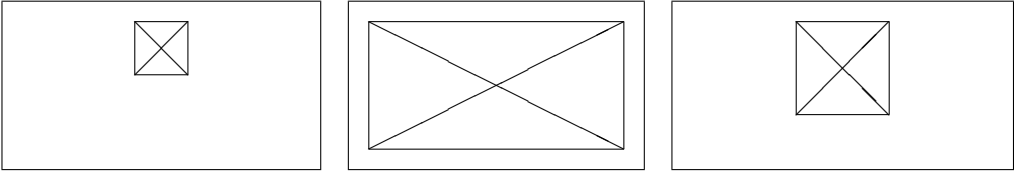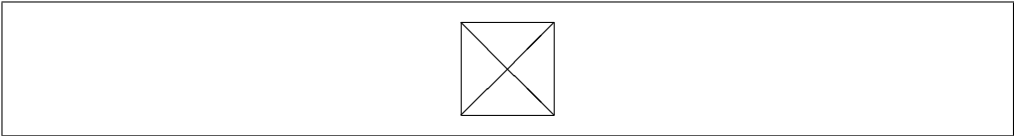Much more, more and more, more and more text inside `\floatfoot`

Figure 1.71. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.72. Alone caption inside `\floatbox`. Float row in `Boxed` style, caption `bottom`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

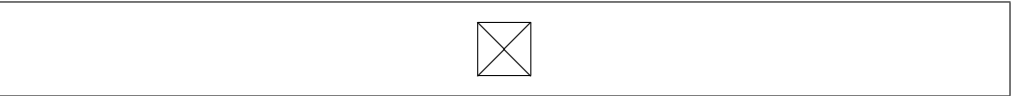Var. XIII: `\floatsetup{style=BOXED,capposition=TOP,footposition=bottom}`

Figure 1.73. Plain figure in `BOXED` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`
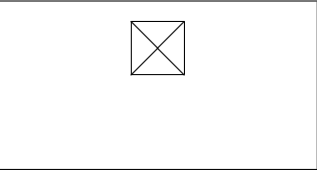

Figure 1.74. Beside figure in float row, "column" width. And more text[a]

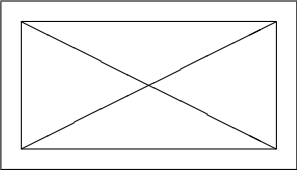Text inside `\floatfoot`

   [a]`footpos=bottom`

Figure 1.75. Beside figure, graphic width

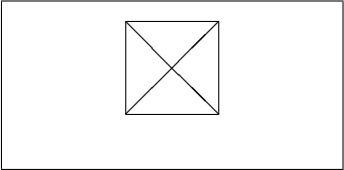More and more text inside the `\floatfoot`

Figure 1.76. Beside figure in float row. Float row in `BOXED` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

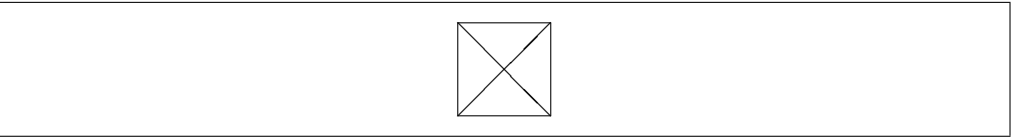**Figure 1.77.** Alone caption inside `\captionof`

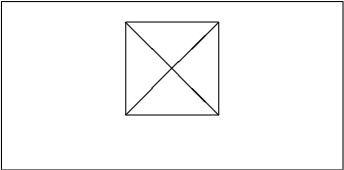Alone starred caption inside `\captionof*`

Figure 1.78. Alone caption inside `\floatbox`. Float row in `BOXED` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. XIV: `\floatsetup{style=Ruled,capposition=TOP,footposition=bottom}`

Figure 1.79 Plain figure in `Ruled` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.80 Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

    [a]`footpos=bottom`

Figure 1.81 Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.82 Beside figure in float row. Float row in `Ruled` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.83. Alone caption inside `\captionof`
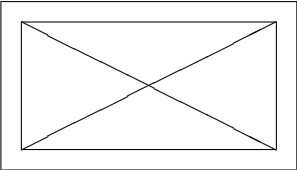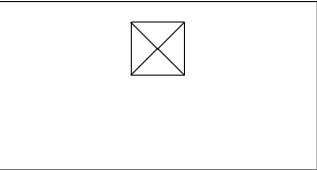
Alone starred caption inside `\captionof*`

Figure 1.84 Alone caption inside `\floatbox`. Float row in `Ruled` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

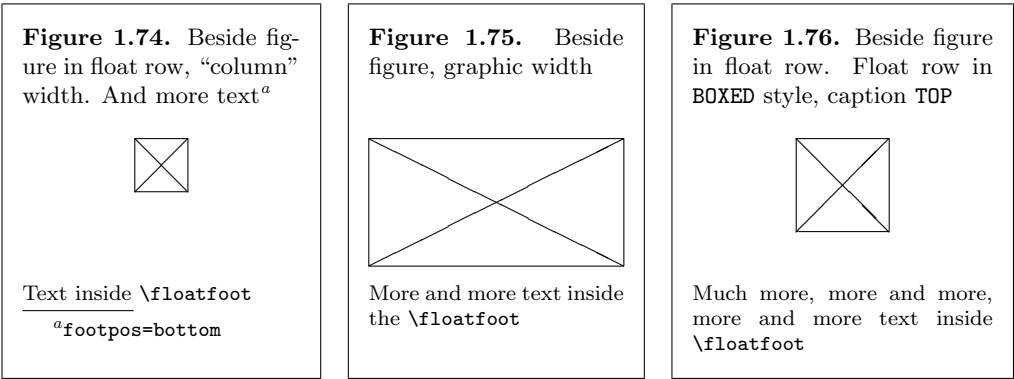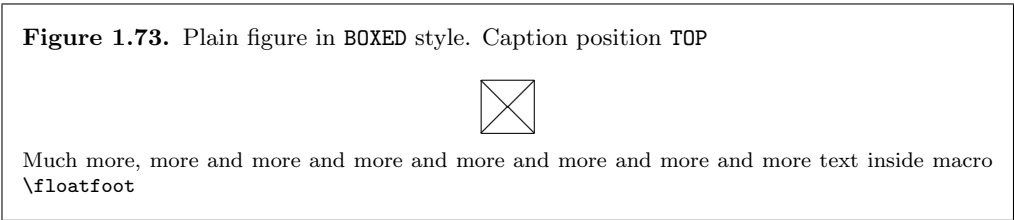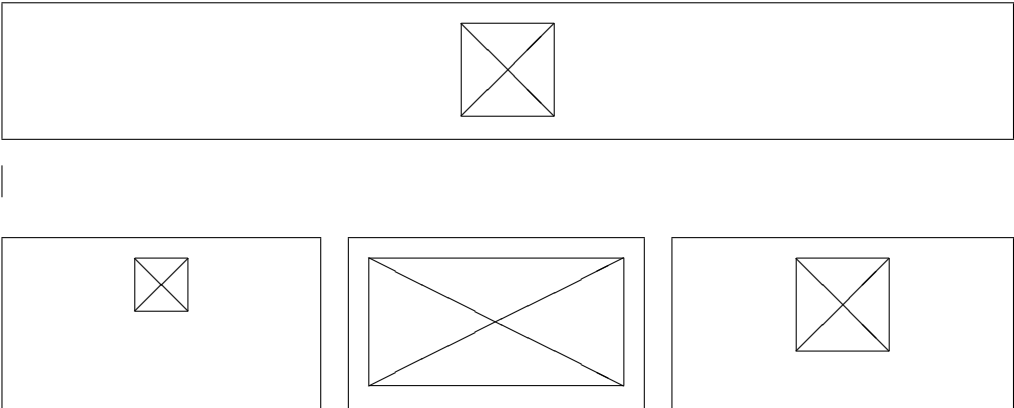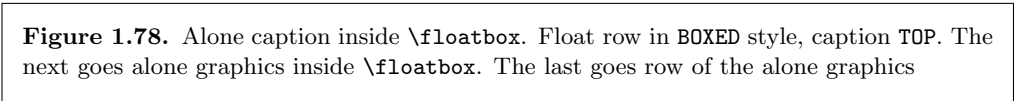Var. XV: `\floatsetup{style=Boxed,capposition=TOP,footposition=bottom}`

Figure 1.85. Plain figure in `Boxed` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.86. Beside figure in float row, "column" width. And more text[a]
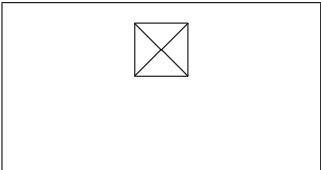
Text inside `\floatfoot`

    [a]footpos=bottom

Figure 1.87. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.88. Beside figure in float row. Float row in `Boxed` style, caption `TOP`
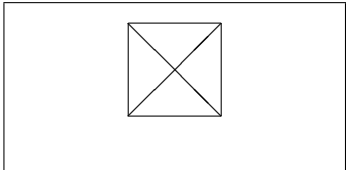
Much more, more and more, more and more text inside `\floatfoot`
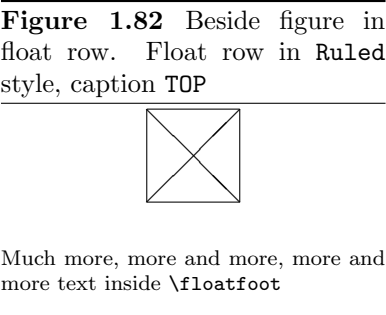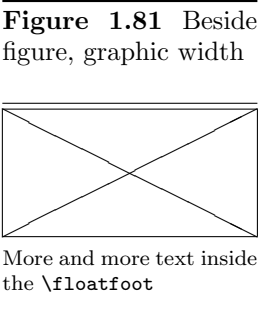
Figure 1.89. Alone caption inside `\captionof`
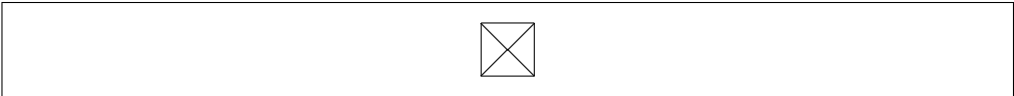
Alone starred caption inside `\captionof*`

Figure 1.90. Alone caption inside `\floatbox`. Float row in `Boxed` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

The next variants (**XVI–XXI**) show layout of framed styles with key
`framefit=no`; boxed style (native style of **float** package), and `BOXED` with
added key `framefit=no`.

Var. XVI: \floatsetup{style=boxed,capposition=TOP,footposition=caption}

Figure 1.91. Plain figure in `boxed` style. Caption position `TOP`
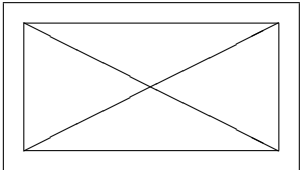
Much more, more and more and more and more and more and more and more text inside macro \floatfoot
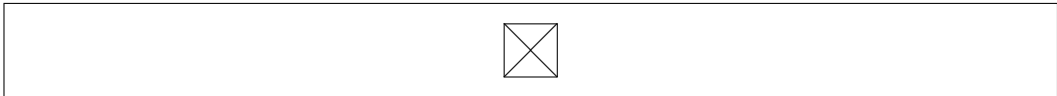
**Figure 1.92.** Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

   [a]`footpos=caption`

Figure 1.93. Beside figure, graphic width

More and more text inside the \floatfoot

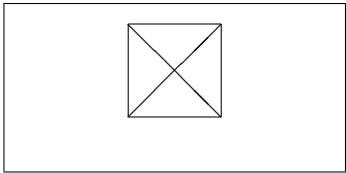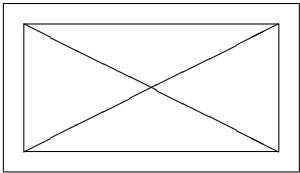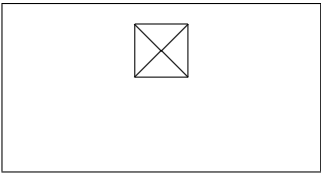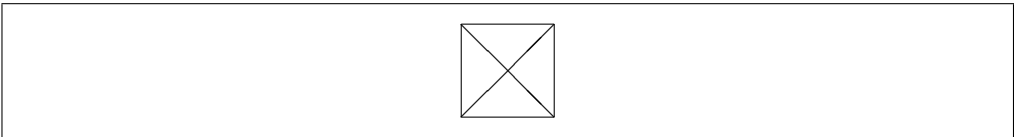**Figure 1.94.** Beside figure in float row. Float row in `boxed` style, caption `TOP`

Much more, more and more, more and more text inside \floatfoot

Figure 1.95. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.96. Alone caption inside \floatbox. Float row in `boxed` style, caption `TOP`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics
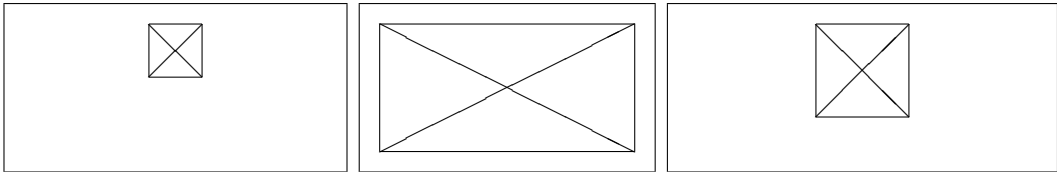
Var. XVII: \floatsetup{style=BOXED,capposition=TOP,footposition=caption}

Figure 1.97. Plain figure in BOXED style. Caption position TOP

Much more, more and more and more and more and more and more and more text inside macro \floatfoot

Figure 1.98. Beside figure in float row, "column" width. And more text[a]

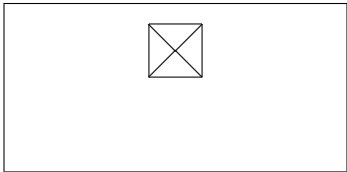Text inside \floatfoot

  [a]footpos=caption

Figure 1.99. Beside figure, graphic width
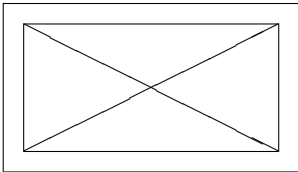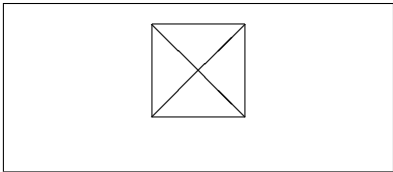
More and more text inside the \floatfoot

Figure 1.100. Beside figure in float row. Float row in BOXED style, caption TOP

Much more, more and more, more and more text inside \floatfoot

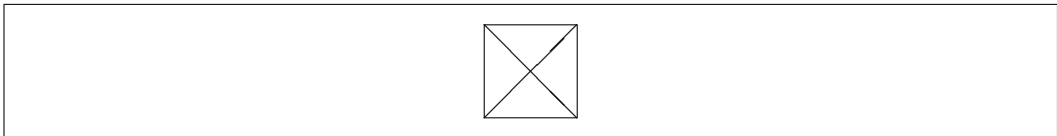**Figure 1.101.** Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.102. Alone caption inside \floatbox. Float row in BOXED style, caption TOP. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

Var. XVIII: `\floatsetup{style=boxed,capposition=TOP,footposition=default}`

Figure 1.103. Plain figure in `boxed` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.104. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

[a]`footpos=default`

Figure 1.105. Beside figure, graphic width

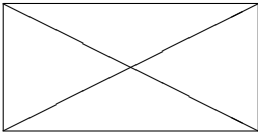More and more text inside the `\floatfoot`

Figure 1.106. Beside figure in float row. Float row in `boxed` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.107. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.108. Alone caption inside `\floatbox`. Float row in `boxed` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. XIX: `\floatsetup{style=BOXED,capposition=TOP,footposition=default}`

Figure 1.109. Plain figure in `BOXED` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.110. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

[a]`footpos=default`

Figure 1.111. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.112. Beside figure in float row. Float row in `BOXED` style, caption `TOP`
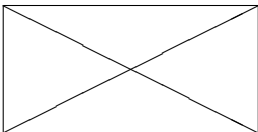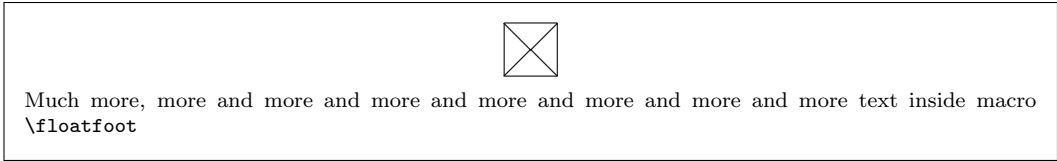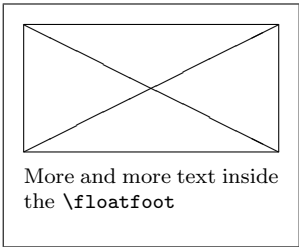

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.113. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.114. Alone caption inside `\floatbox`. Float row in `BOXED` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

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Var. XX: \floatsetup{style=boxed,capposition=TOP,footposition=bottom}

Figure 1.115. Plain figure in `boxed` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro \floatfoot

Figure 1.116. Beside figure in float row, "column" width. And more text[a]

Figure 1.117. Beside figure, graphic width
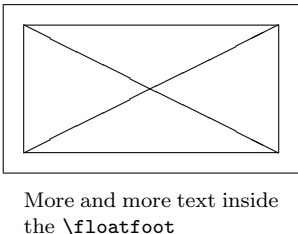
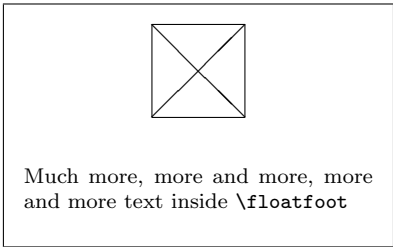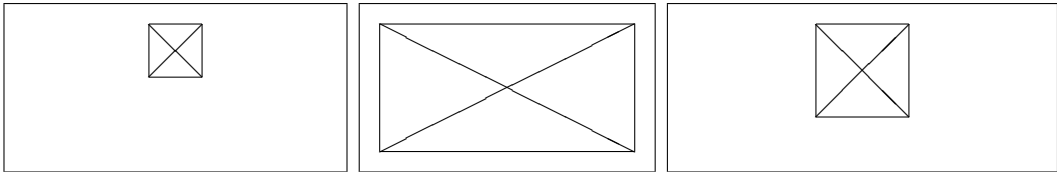**Figure 1.118.** Beside figure in float row. Float row in `boxed` style, caption `TOP`

Text inside \floatfoot

More and more text inside the \floatfoot

Much more, more and more, more and more text inside \floatfoot
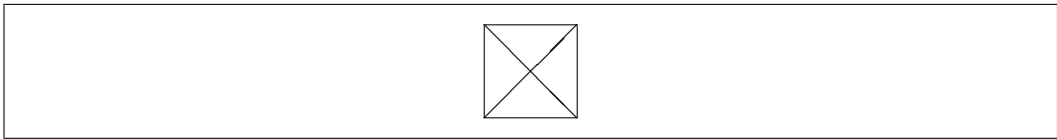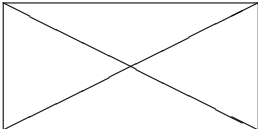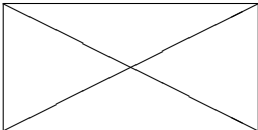
[a]footpos=bottom
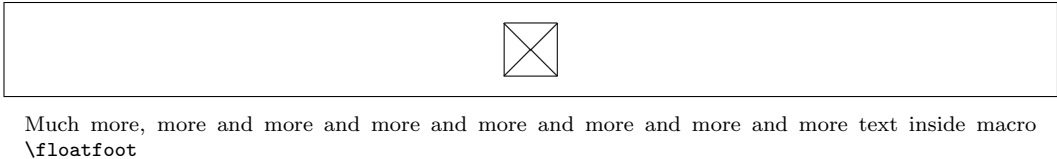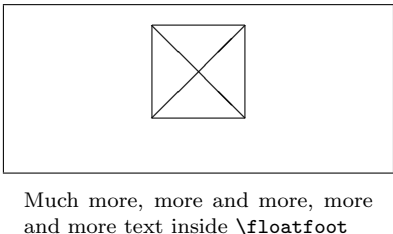
Figure 1.119. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.120. Alone caption inside \floatbox. Float row in `boxed` style, caption `TOP`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics
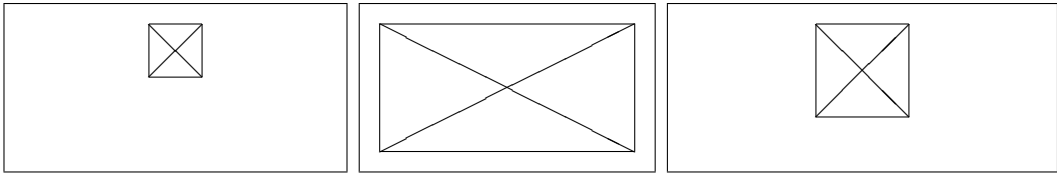
Var. XXI: `\floatsetup{style=BOXED,capposition=TOP,footposition=bottom}`

Figure 1.121. Plain figure in `BOXED` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.122. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

[a]`footpos=bottom`

Figure 1.123. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.124. Beside figure in float row. Float row in `BOXED` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

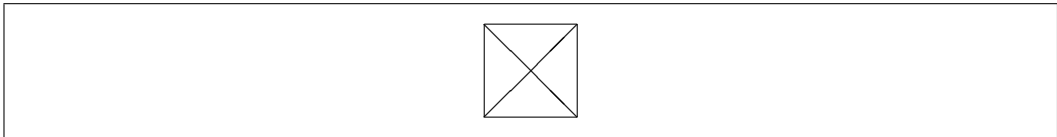**Figure 1.125.** Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.126. Alone caption inside `\floatbox`. Float row in `BOXED` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. XXII: `\floatsetup{style=plain,capposition=TOP,footposition=caption}`

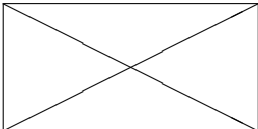**Figure 1.127.** Plain figure in `plain` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.128. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

   [a]footpos=caption

Figure 1.129. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.130. Beside figure in float row. Float row in `plain` style, caption `TOP`
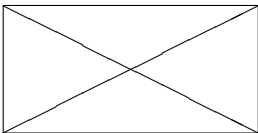
Much more, more and more, more and more text inside `\floatfoot`

Figure 1.131. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.132. Alone caption inside `\floatbox`. Float row in `plain` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. XXIII: \floatsetup{style=plain,capposition=bottom,
footposition=caption}

Figure 1.133. Plain figure in `plain` style. Caption position `bottom`

Much more, more and more and more and more and more and more and more text inside macro
\floatfoot

Figure 1.134. Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

[a]footpos=caption

Figure 1.135. Beside figure, graphic width
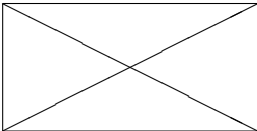
More and more text inside the \floatfoot

Figure 1.136. Beside figure in float row. Float row in `plain` style, caption `bottom`
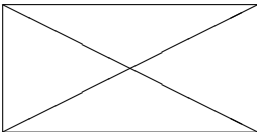
Much more, more and more, more and more text inside \floatfoot

Figure 1.137. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.138. Alone caption inside \floatbox. Float row in `plain` style, caption `bottom`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

Var. XXIV: `\floatsetup{style=plain,capposition=TOP,footposition=default}`

Figure 1.139. Plain figure in `plain` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.140. Beside figure in float row, "column" width. And more text[a]

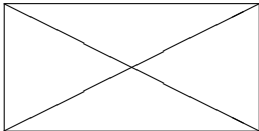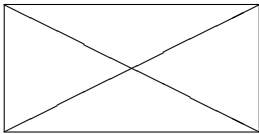Text inside `\floatfoot`

[a]`footpos=default`

Figure 1.141. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.142. Beside figure in float row. Float row in `plain` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.143. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.144. Alone caption inside `\floatbox`. Float row in `plain` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics

Var. XXV: \floatsetup{style=plain,capposition=bottom,
footposition=default}

Figure 1.145. Plain figure in `plain` style. Caption position `bottom`
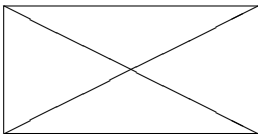
Much more, more and more and more and more and more and more and more text inside macro
\floatfoot

Figure 1.146. Beside figure in float row, "column" width. And more text[a]

Text inside \floatfoot

———————
[a]`footpos=default`

Figure 1.147. Beside figure, graphic width

More and more text inside the \floatfoot

Figure 1.148. Beside figure in float row. Float row in `plain` style, caption `bottom`
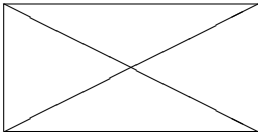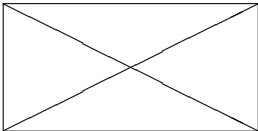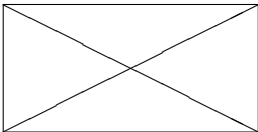
Much more, more and more, more and more text inside \floatfoot

Figure 1.149. Alone caption inside \captionof

Alone starred caption inside \captionof*

Figure 1.150. Alone caption inside \floatbox. Float row in `plain` style, caption `bottom`. The next goes alone graphics inside \floatbox. The last goes row of the alone graphics

Var. XXVI: `\floatsetup{style=plain,capposition=TOP,footposition=bottom}`

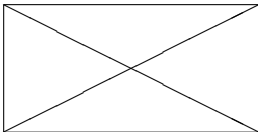**Figure 1.151.** Plain figure in `plain` style. Caption position `TOP`

Much more, more and more and more and more and more and more and more text inside macro `\floatfoot`

Figure 1.152. Beside figure in float row, "column" width. And more text[a]

Text inside `\floatfoot`

---
[a]`footpos=bottom`

Figure 1.153. Beside figure, graphic width

More and more text inside the `\floatfoot`

Figure 1.154. Beside figure in float row. Float row in `plain` style, caption `TOP`

Much more, more and more, more and more text inside `\floatfoot`

Figure 1.155. Alone caption inside `\captionof`

Alone starred caption inside `\captionof*`

Figure 1.156. Alone caption inside `\floatbox`. Float row in `plain` style, caption `TOP`. The next goes alone graphics inside `\floatbox`. The last goes row of the alone graphics