

# Package ‘tufte’

October 14, 2022

**Type** Package

**Title** Tufte's Styles for R Markdown Documents

**Version** 0.12

**Description** Provides R Markdown output formats to use Tufte styles for PDF and HTML output.

**License** GPL-3

**URL** <https://github.com/rstudio/tufte>

**BugReports** <https://github.com/rstudio/tufte/issues>

**Imports** htmltools, knitr (>= 1.28), rmarkdown (>= 2.11), xfun (>= 0.13)

**Suggests** testthat (>= 3.1.0), withr (>= 2.3.0)

**Config/testthat/edition** 3

**Encoding** UTF-8

**RoxygenNote** 7.1.2

**NeedsCompilation** no

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**Repository** CRAN

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`tufte_handout`*Tufte handout formats (PDF and HTML)*

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## Description

Templates for creating handouts according to the style of Edward R. Tufte and Richard Feynman.

## Usage

```
tufte_handout(  
  fig_width = 4,  
  fig_height = 2.5,  
  fig_crop = TRUE,  
  dev = "pdf",  
  highlight = "default",  
  ...  
)  
  
tufte_book(  
  fig_width = 4,  
  fig_height = 2.5,  
  fig_crop = TRUE,  
  dev = "pdf",  
  highlight = "default",  
  ...  
)  
  
tufte_html(  
  ...,  
  tufte_features = c("fonts", "background", "italics"),  
  tufte_variant = c("default", "envisioned"),  
  margin_references = TRUE  
)  
  
newthought(text)  
  
margin_note(text, icon = "&#8853;")  
  
quote_footer(text)  
  
sans_serif(text)
```

## Arguments

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default height (in inches) for figures

fig_crop	Whether to crop PDF figures with the command <code>pdftocrop</code> . This requires the tools <code>pdftocrop</code> and <code>ghostscript</code> to be installed. By default, <code>fig_crop = TRUE</code> if these two tools are available.
dev	Graphics device to use for figure output (defaults to <code>pdf</code> )
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", and "haddock". Pass <code>NULL</code> to prevent syntax highlighting.
...	Other arguments to be passed to <code>pdf_document</code> or <code>html_document</code> (note you cannot use the <code>template</code> argument in <code>tufte_handout</code> or the <code>theme</code> argument in <code>tufte_html()</code> ; these arguments have been set internally)
tufte_features	A character vector of style features to enable: <code>fonts</code> stands for the et-book fonts in the <code>tufte-css</code> project, <code>background</code> means the lightyellow background color of the page, and <code>italics</code> means whether to use italics for the headers. You can enable a subset of these features, or just disable all of them by <code>NULL</code> . When this argument is not used and the <code>tufte_variant</code> argument is not default, no features are enabled.
tufte_variant	A variant of the Tufte style. Currently supported styles are <code>default</code> (from the <code>tufte-css</code> project), and <code>envisioned</code> (inspired by the project <code>Envisioned CSS</code> <a href="https://github.com/nogginfuel/envisioned-css">https://github.com/nogginfuel/envisioned-css</a> but essentially just sets the font family to Roboto Condensed, and changed the background/foreground colors).
margin_references	Whether to place citations in margin notes.
text	A character string to be presented as a "new thought" (using small caps), or a margin note, or a footer of a quote
icon	A character string to indicate there is a hidden margin note when the page width is too narrow (by default it is a circled plus sign)

## Details

`tufte_handout()` provides the PDF format based on the Tufte-LaTeX class: <https://tufte-latex.github.io/tufte-latex/>.

`tufte_html()` provides the HTML format based on the Tufte CSS: <https://edwardtufte.github.io/tufte-css/>.

`newthought()` can be used in inline R expressions in R Markdown (e.g. ``r newthought(Some text)``), and it works for both HTML (`<span class="newthought">text</span>`) and PDF (`\newthought{text}`) output.

`margin_note()` can be used in inline R expressions to write a margin note (like a sidenote but not numbered).

`quote_footer()` formats text as the footer of a quote. It puts text in `<footer></footer>` for HTML output, and after `\hfill` for LaTeX output (to right-align text).

`sans_serif()` applies sans-serif fonts to text.

## References

See <https://rstudio.github.io/tufte/> for an example.

**Examples**

```
library(tufte)
newthought('In this section')
```

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