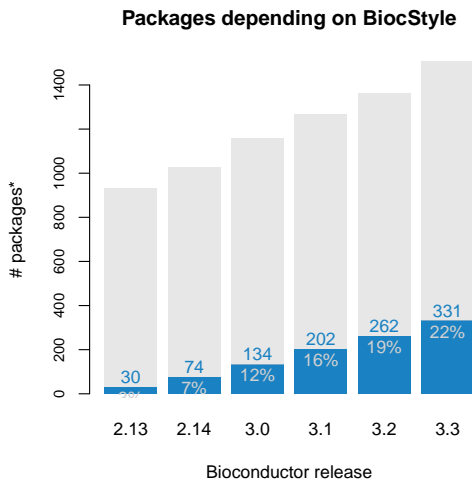


Standard formatting style for Bioconductor documents

- \LaTeX .sty file for PDF documents (v 1.0)
- CSS definitions for markdown HTML documents (v 1.4)
- *rmarkdown* templates for HTML/PDF vignettes (v 1.8)
- New Bioconductor \LaTeX style (v 2.0)

User uptake



* software + experiment data packages

Problems with the original style

- Inconsistent formatting
 - within document (e.g. title page vs. document body)
 - across output formats (PDF vs. HTML)
- Non-distinctive structuring elements
 - running head, folio
 - figure captions
- Format-varying appearance of code chunks
- No support for the recent *rmarkdown* features (HTML)
 - floating TOC
 - code folding
 - downloadable .Rmd source

Design goals of *BiocStyle* 2.0

- Easy to read and visually attractive
- Clear separation between content and structuring elements
- Unified style regardless of input (.Rnw/.Rmd) and output format (PDF/HTML)
- Page layout independent of medium size
- Sufficient contrast on b/w printouts

Implementation

- Consistent layout emphasizing relationships
 - Horizontal content alignment
 - Distinct fonts for structuring elements and main text
- Common themes for code highlighting
- Footnotes as margin notes

Additional features

- Automatic resolution of line length, `options(width)`

For demonstration of use see [package vignette](#)

Bioconductor HTML Style 2.0

Output format enhancing `rmarkdown::html_document`

Advantages

- Formatting consistent with PDF documents
- Automatic numbering of figures, tables and equations*
- Cross-references*

*subset of functionality offered by  rstudio/bookdown

Preview (experimental!): `BiocStyle::html_document2`

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RADIANT
SOUND



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für Bildung
und Forschung

