Chic-header's Manual

Updated for version 0.2.0

Elegant headers and footers for Typst 🚀

Contents

1. Introduction

Chic-headers (chic-hdr) is a Typst package for creating elegant headers and footers, similar as `fancyhdr` for LaTeX users.

Currently, Chic-header is still on developement, and all the code can be found at its GitHub repository [here](). New features are welcome. So, if you have an idea that would improve this package, go on and send us the code as a Pull Request.

2. Usage

To use this library through the Typst package manager (for Typst 0.6.0 or greater), write `#import "@preview/chic-hdr:0.2.0": *` at the beginning of your Typst file.

Once imported, you can start using the package by writing the instruction `#show:` `chic.with()` and giving any of the chic functions inside the parenthesis `()`

3. Parameters of `chic()`

In version 0.2.0 all the parameters that the `chic()` function can receive are shown below:

```
#show: chic.with(
  width:  relative length
  skip:  array
  even:  array
  odd:  array
  ..  function
)  body
```

The usage and posible values of all the parameters are listed below.

3.1. Width

Indicates the with of headers and footers in all the document.

Default is `100%`.

```
#show: chic.with(
  width: 70%,
  chic-header(
    center-side: "Chic-header example"
  ),
  chic-height(on: "header", 1.2cm),
  chic-separator(1pt)
)
```

Chic-header example

Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus

```
= Introduction
#lorem(100)
```

3.2. Skip

Which pages must be skipped for setting its header and footer. Other porperties changed with `chic-height()` or `chic-offset()` are preserved.

Default is `()` (empty `array`).

```
#show: chic.with(
  skip: (1,),
  chic-header(center-side: "Chic-header example"),
  chic-height(on: "header", 1.2cm),
  chic-separator(1pt)
)

= Introduction
#lorem(100)
```

Introduction
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus

Chic-header example
animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri

3.3. Even

Header and footer for even pages. Here, only `chic-header()`, `chic-footer()` and `chic-separator()` functions will take effect. Other functions **must** be given as an argument of `chic()`.

If it's none, even pages will have their headers and footers with the style and content given as an argument of `chic()`.

Default is none.

```
#show: chic.with(
  even: (
    chic-header(left-side: [*This is an even page*]),
  ),
  chic-header(center-side: "Chic-header example"),
```

```
    chic-height(on: "header", 1.2cm),
    chic-separator(1pt)
)

= Introduction
#lorem(100)
```


> **Observation**
>
> Remember that in Typst, if you write `(2)` or `("hi")`, it won't be recognized as an array. To avoid that you **must** put a comma `(,)` after the first element.
>
> Therefore, `(2,)` and `("hi",)` will be recognized as valid array types.

3.4. Odd

Similarly with even it sets the header and footer for odd pages. Here, only `chic-header()`, `chic-footer()` and `chic-separator()` functions will take effect. Other functions **must** be given as an argument of `chic()`.

If it's none, odd pages will have their headers and footers with the style and content given as an argument of `chic()`.

Default is none.

```
#show: chic.with(
  even: (
    chic-header(left-side: [*This is even*]),
  ),
  odd: (
    chic-header(right-side: [*I'm odd*]),
    chic-separator(1pt + red)
  ),
  chic-height(on: "header", 1.2cm),
)

= Introduction
#lorem(100)
```

3.5. Functions

These are a variable number of arguments that corresponds to Chic-header's style functions. All the functions that can be given are shown in Section 4.

4. Functions for `chic()`

4.1. `chic-header()`

Sets the header content.

```
chic-header(
    v-center: boolean
    left-side: string content
    center-side: string content
    right-side: string content
)
```

v-center

Whether to vertically center `left-side`, `center-side`, and `right-side`. This is useful when any of them is higher than the others.

Default is `false`.

left-side	**center-side**	**right-side**
Content displayed in the left side of the header.	Content displayed in the center of the header.	Content displayed in the right side of the header.
Default is `none`.	Default is `none`.	Default is `none`.

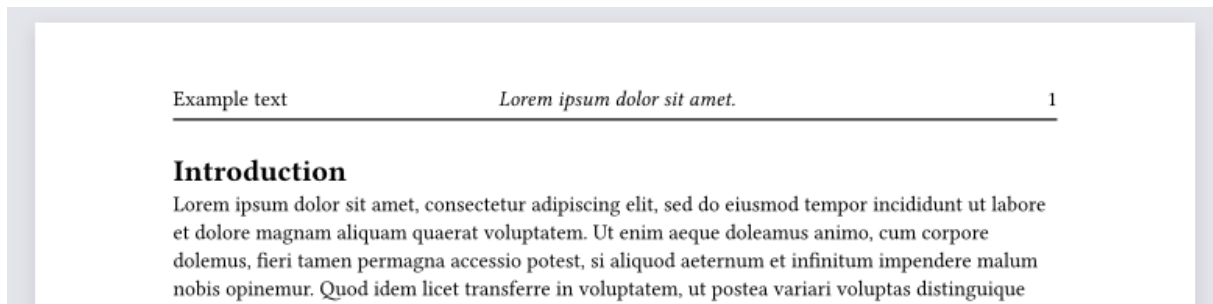> ***Observation***
>
> The header will be divided into as many sections as `sides` are given.

```
#show: chic.with(
  chic-header(
    left-side: "Example text",
    center-side: emph(lorem(5)),
    right-side: chic-page-number()
  ),
  chic-separator(1pt),
)

= Introduction
#lorem(1000)
```

Example text   *Lorem ipsum dolor sit amet.*   1

Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique

4.2. `chic-footer()`

Sets the footer content.

```
chic-footer(
  v-center: boolean
  left-side: string content
  center-side: string content
  right-side: string content
)
```

v-center

Whether to vertically center `left-side`, `center-side`, and `right-side`. This is useful when any of them is higher than the others.

Default is `false`.

left-side	**center-side**	**right-side**
Content displayed in the left side of the footer.	Content displayed in the center of the footer.	Content displayed in the right side of the footer.
Default is `none`.	Default is `none`.	Default is `none`.

```
#show: chic.with(
  chic-footer(
    v-center: true,
    left-side: "For more information contact your local lawyer",
    right-side: chic-page-number()
  ),
  chic-separator(1pt),
  chic-height(2.5cm)
)

= Introduction
#lorem(1000)
```

For more information contact
your local lawyer   1

4.3. `chic-separator()`

Sets the separator for either the header, the footer or both.

> **Observation**
>
> This function will only take effect if the header or the footer are specified (either one of them or both of them).

If a `length` is given, it corresponds to the thickness of a `line()` used as the separator.

If a `stroke` is given, it corresponds to the stroke of a `line()` used as the separator.

Otherwise, if a `content` (e.g. a custom `line()`) is given, that element is used directly as the separator.

```
chic-separator(
  on: string
  outset: relative length
  gutter: relative length
  length stroke content
)
```

on

Where to apply the separator. It can be `"header"`, `"footer"` or `"both"`.

Default is `"both"`.

outset

Space around the separator beyond the page margins. It's applied in both directions (left and right).

Default is `0pt`.

gutter

How much spacing insert arround the separator.

Default is `0.65em`.

```
#show: chic.with(
  chic-separator(1pt + blue),
  chic-footer(
    center-side: chic-page-number()
  ),
  chic-height(on: "footer", 1.2cm)
)

= Introduction
#lorem(1000)
```

Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et

1

4.4. `chic-styled-separator()`

Returns a pre-made custom separator for using in `chic-separator()`.

```
chic-styled-separator(
  color: color
  string
)
```

color

Color for the separator.

Default is `black`.

style

A string describing which separator to get. It can be `"double-line"`, `"bold-center"`, `"center-dot"`, or `"flower-end"`.

Examples are shown at right.

```
double-line
```

```
bold-center
```

```
center-dot
```

```
flower-end
```

The normal usage would be this:

```
#show: chic.with(
  ...
  chic-separator(chic-styled-separator("double-line")),
  ...
)
```

4.5. `chic-height()`

Sets the height of either the header, the footer or both.

```
chic-height(
  on: string
  relative length
)
```

on

Where to change the height. It can be `"header"`, `"footer"` or `"both"`.

Default is `"both"`.

```
#show: chic.with(
  chic-height(on: "footer", 2cm),
  chic-height(on: "header", 6cm),
  chic-separator(on: "footer", 1pt),
  chic-footer(
    center-side: "The header is HUGE!"
  ),
  chic-offset(on: "footer", 10%)
)

= Introduction
#lorem(1000)
```
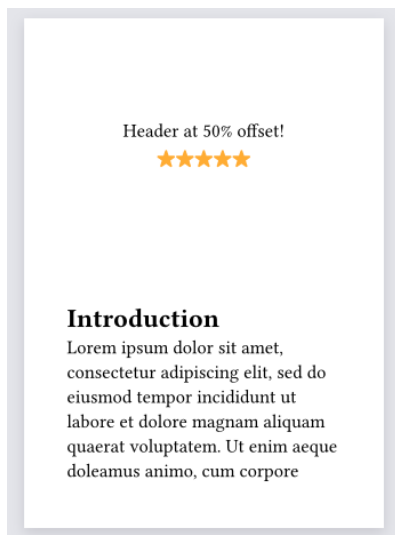
Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est,

The header is HUGE!

4.6. `chic-offset()`

Sets the offset of either the header, the footer or both (relative to the page content).
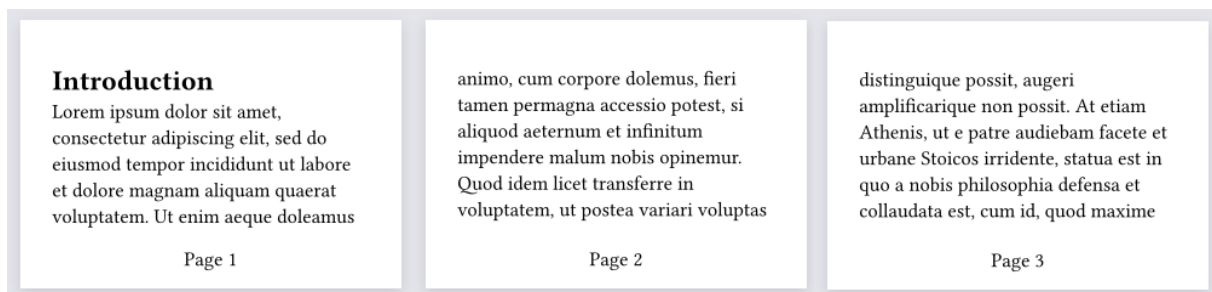
```
chic-offset(
  on: string
  relative length
)
```

on

Where to change the offset. It can be `"header"`, `"footer"` or `"both"`.

```
#show: chic.with(
  chic-height(on: "header", 6cm),
  chic-separator(on: "header", [#emoji.star]*5),
  chic-header(
    center-side: "Header at 50% offset!"
  ),
  chic-offset(on: "header", 50%)
)
```

4.7. `chic-page-number()`

Returns the current page number. Useful for header and footer `sides`. It doesn't take any parameters.

```
#show: chic.with(
  chic-footer(center-side: "Page " + chic-page-number()),
  chic-height(on: "both", 1cm),
)
```

4.8. `chic-heading-name()`

Returns the previous heading name. If there's no previous headings, it returns the next heading name. Finally, if there's no headings ahead, it returns nothing.

```
#show: chic.with(
  chic-header(
    left-side: emph(chic-heading-name()),
    right-side: chic-page-number()
  ),
  chic-separator(1pt),
  chic-height(on: "header", 1.5cm),
)

= Introduction
```

```
#lorem(30)

== Details
#lorem(70)
```

Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri.

Details

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim

aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos.