


# Chic-header's Manual

Updated for version 0.1.0

Elegant headers and footers for Typst 

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# 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:0.1.0": *` 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 0.1.0 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 aequale doleamus

**= Introduction**

`#lorem(100)`

### 3.2. Skip

Which pages must be skipped for setting its header and footer. Other properties 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 aequi 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 distinguere 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)
```

Chic-header example	This is an even page	Chic-header example
<b>Introduction</b> Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat voluptatem. Ut enim aequaleamur	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 distinguere 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, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor

### 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)
```

<p style="text-align: right;"><b>I'm odd</b></p> <hr/> <p><b>Introduction</b></p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequi doleamus</p>	<p><b>This is even</b></p> <p>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 distinguere possit, augeri</p>
--	--

### 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(
  left-side: string content
  center-side: string content
  right-side: string content
)
```

#### left-side

Content displayed in the left side of the header.

Default is `none`.

#### center-side

Content displayed in the center of the header.

Default is `none`.

#### right-side

Content displayed in the right side of the header.

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 magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

## 4.2. `chic-footer()`

Sets the footer content.

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

### left-side

Content displayed in the left side of the footer.

Default is `none`.

### center-side

Content displayed in the center of the footer.

Default is `none`.

### right-side

Content displayed in the right side of the footer.

Default is `none`.

### Observation

The footer will be divided into as many sections as sides are given.

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

**= Introduction**

`#lorem(1000)`

### 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
  gutter: relative length
  length stroke content
)
```

#### **on**

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

Default is `"both"`.

#### **gutter**

How much spacing insert around 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 magna aliqua. Quam erat volutpat. Ut enim aequi doloremque animam, cum corpore dolorem, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et



#### 4.4. `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 magna aliqua. Ut enim aenean aliquam elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim aenean aliquam elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim aenean aliquam elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

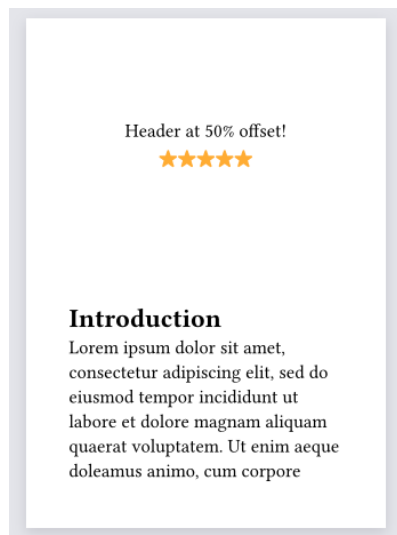
---

The header is HUGE!

#### 4.5. `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

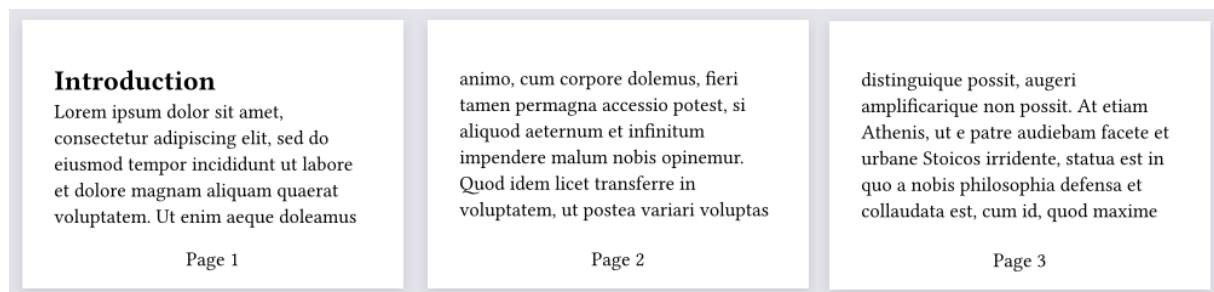
Where to change the offset. It can be "header", "footer" or "both".

```
#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%)
)
```

#### 4.6. 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),
)
```



#### 4.7. 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*

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 aequaleamur 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

*Details*

2

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.