

Chribel Template

Template Description v1.2.0

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How to use the template

1. Install fonts:

- ↳ Atkinson Hyperlegible Next ([Link](#))
- ↳ Fantasque Sans Mono ([Link](#))
- ↳ Arvo ([Link](#))
- ↳ Tabler.io Icons ([Link](#) or if you don't have the money [Link](#))

2. Import the package

```
#import "@preview/chribel:1.0.0": chribel,
callout, // chribel-add-callout-template // if
custom defined callouts is desired
```

3. Then put the following block before your content to then edit or to see where the fields are all used in the document.

```
#show: chribel.with(
    title: [`<title>`],
    subtitle: [`<subtitle>`],
    authors: ([`<authors>`]),
    subject: (
        short: [`<subject-short>`],
        long: [`<subject-long>`]
    ),
    columns-count: 3,
    links: (text: [`<link-text>`], link: "<link-
href>"),
    university: [`<university>`],
    creation-date: datetime.today(),
    accent-color: rgb("#2e6bba")

    // some styling
    font-text: (
        font: "Atkinson Hyperlegible Next",
        weight: "light"
    ),
    font-heading: (font: "Arvo"),
    font-mono: (font: "Fantasque Sans Mono"),
    titleblock: (title, subtitle, authors, links,
    paint) => ..
)
```

Arguments

title `content`

default: `none`

The title of the document

subtitle `content`

default: `none`

The subtitle of the document

authors `content` | `array (content)`

default: `none`

A single author or list of authors, which gets displayed in the `titleblock` on the first page.

subject `dictionary`

default: (short: `none`, long: `none`)

If the document is for a specific subject, this dictionary can be configured with the entries `long` and `short` (although `long` is actually not used). Use the entry `short` for everything else, if not applicable.

university `content`

default: `none`

Name of the university or workplace

columns-count `integer`

default: 2

Splits the document into the given amount of columns.

links `dictionary` | `array (dictionary)` default: `none`

A dictionary with the entries `text` and `href` to display links in the `titleblock`. Also supports multiple links by passing an array of dictionaries.

creation-date `datetime`

default: `#datetime.today()`

The date of creation of the document, which will be displayed in the left footer side.

accent-color `color`

default: `#rgb("2e6bba")`

The color used for the heading underlines and link boxes in the titleblock

font-text `dictionary`

An argument/dictionary containing `#text` configuration for paragraph text.

font-heading `dictionary`

An argument/dictionary containing `#text` configuration for headings.

font-mono `dictionary`

An argument/dictionary containing `#text` configuration for codes and enumerated lists.

titleblock `function`default: `chribel.title-block`

A function which builds the titleblock with five parameters. Either pass a function or directly build it using `(title, subtitle, authors, links, paint) => {}`

Multiple Authors and Links

The template supports multiple authors and links, which have to be given as arrays. The authors are an array of *content*, while the links would be a dictionary array with the entries `text` for the *replacement text* and `link` for the hyperlink itself.

Example

```
title: [Template],
subtitle: [Summary Template for Typst],
authors: [
    [The author], [The other author], [Some funny
author]
),
links: [
    (text: [Source Code], link: "https://codeberg.org/"),
    (text: [Search Engine], link: "https://duckduckgo.com/"),
    (text: [Touch Grass], link: "https://www.touchgrassss.com/")
)
```

Result:

Template

Summary Template for Typst

The author, The other author, Some funny author /
[Source Code](#) [Search Engine](#) [Touch Grass](#)

Callout

The template includes some simple, minimal callouts to put emphasis on some content. To create one, `#callout` with the following parameters can be used.

Information

This callout is created using following snippet

```
#callout(type: "info") [This callout is created using
following command]
```

```
#callout(
  style: "minimal", type: "info",
  title: none, width: 100%,
  height: auto, icon: auto,
  paint: none,
  content
)
```

Arguments**style** `string | function`

default: "minimal"

Determines how the callout is rendered. Valid values are `"minimal"`, `"quarto"`, `"compact"`. If a function in the shape of `(title,icon,content,paint,height,width)=>{}` is given, this function is instead called!

type `string`

default: "info"

Possible values are `"info"`, `"warning"`, `"important"`, `"caution"`, `"tip"`, `"correct"`, `"incorrect"`, `"example"`. If a different string is given, a "invalid" callout box is given, which is just gray and has a question mark as an icon.

title `content`

default: none

The title of the callout block.

`none`: the title for the given `type` is used.

width `length`

default: 100%

Width of the callout box. When smaller than the maximum width, the box is automatically centered.

height `length`

default: auto

Height of the callout box. Recommended to leave at `auto`.

icon `string`

default: auto

The icon, which gets displayed next to the callout title. The name can be taken from [tabler.io/icons](#). `auto` uses the assigned icon of the given `type`. `none` disables the icon.

paint `color`

default: none

Overwrite the defaulted color of the callout box and title color.

`none` uses assigned colors of the given `type`.

Language Context

The provided callouts adapt their default titles based on the document language. So far only German (`de`) and English (`en`) are supported and shown below:

```
#set text(lang: "en")
```

```
#set text(lang: "de")
```

Information

Information

Warning

Warnung

Important

Wichtig

Caution

Vorsicht

Tip

Tipp

Callout Styles

By default, the style `"minimal"` is used. There are two other predefined styles called `"quarto"` and `"compact"`. The first one is a replication of the [Quarto Callouts](#), the latter is an inline based callout.

↳ Using style `"quarto"`:

Information

Lorem ipsum dolor sit.

Warning

Lorem ipsum dolor sit.

Important

Lorem ipsum dolor sit.

Caution

Lorem ipsum dolor sit.

Tip

Lorem ipsum dolor sit.

Correct

Lorem ipsum dolor sit.

Incorrect

Lorem ipsum dolor sit.

Example

Lorem ipsum dolor sit.

↳ Using style `"compact"`

Information Lorem ipsum dolor sit.

Warning Lorem ipsum dolor sit.

Important Lorem ipsum dolor sit.

Caution Lorem ipsum dolor sit.

Tip Lorem ipsum dolor sit.

Correct Lorem ipsum dolor sit.

Incorrect Lorem ipsum dolor sit.

Example Lorem ipsum dolor sit.

Custom Callouts

If you don't like the provided styles, you can create your own ones. Define a function (`#let func(..)`) or inline function (`(..) => {}`) similar to the example below. Then pass a function in the shape of...

```
(title, icon, content, paint, height, width) => {}
```

...to the `style`-parameter of the `#callout(..)` function.

Caution The parameter `icon` returns the converted icon (not the label, but the actual icon)

```
#let custom-callout(title,icon,content,paint,
height,width) = { box(stroke: paint, inset:
0.25em, fill: white, radius: 0.5em,
[strong[#icon#title] #content])}
```

```
#callout(style: custom-callout)[Hello World]
```

↳ Output

Information Hello World

Set default styling

If you want to replace the default styling (`"minimal"`) with your own one, overwrite the `#callout(..)` function:

```
#callout[Hello]
```

```
#let custom-callout(title,icon,content,paint,
height,width) = { box(stroke: paint, inset:
0.25em, fill: white, radius: 0.5em,
[strong[#icon#title] #content])}
```

```
#let callout = callout.with(style: custom-callout)
```

```
#callout[Hello]
```

↳ Output

Information Hello

Information Hello

Invalid Callout Type

As mentioned before, passing a callout type not in the type list generates an *“invalid” callout*. It's just a grayed out callout and a respective title is set. The title is also language specific!

No Associated Title

```
#callout(type:"blabla")[]
```

Adding Callout Types

It's also possible to add new callout styles in your template if needed. For this additionally import the `chribel-add-callout-template()` function:

```
#import "@preview/chribel:1.0.0": chribel, callout,
chribel-add-callout-template
```

And then you can add the configuration function anywhere in the function (but set styles **cannot** be used before it!).

```
#chribel-add-callout-template(
  name,
  config : (
    color: ...,
    icon: ...,
    placeholder: ...
  )
)
```

Arguments

`name` `string`

The name of the new callout type. This will be used in the `[callout]` function to access the type.

`config` `string`

The callout configuration, which gets applied to the

`color` `color`

The accent color for the callout stroke, background color and icon color.

`icon` `string`

The icon label name of the desired [tabler.io icons](#). Don't forget to add `-filled` if you want the filled variant of the icon.

`placeholder` `content`

The title of the callout. The name *Placeholder* is used, since you can overwrite the title and this content is used if no custom title is set.

Following page shows an example:

```
#chribel-add-callout-template("dog", (
  color: rgb("#7c5735"),
  icon: "dog",
  placeholder: "Hello World",
))
#callout(type: "dog")[
  Hello World
]
```

↓ ----- Output ----- ↓

🐶 Hello World
Hello World

```
radius: 3pt,
{
  set align(left)
  // title block
  place(top+left, dy: -8pt - 0.5em, dx: -2pt,
    box(fill:white, inset: (x: 2pt), outset: (y:
  1pt), text( gray, "Arguments")))
  )
  content
}
}
```

Additional used snippets

Some snippets used for this manual!

Highlight Links

```
#show link: underline
#show link: set text(blue)
```

Arguments Box

```
#let argument(content) = {
  show terms.item: it => context {
    set par(justify: false)
    let term = text(font: "Fantasque Sans
Mono", strong(it.term))
    set par(hanging-indent: 2em)
    term
    terms.separator
    it.description
    linebreak()
  }

  set text(0.9em)
  block(
    above: 1.5em, below: 1.5em,
    width: 100%, height: auto,
    stroke: gray + 0.5pt,
    inset: (top: 8pt, rest: 6pt),
  )
}
```

Changelog

1.2.0

- ↪ Added `titleblock` parameter to set your own title-block with parameters:
`(title, subtitle, authors, links, paint)`.
- ↪ Added font parameters `font-text`, `font-heading` and `font-mono` to change the text styling of the document
- ↪ Updated `tableau-icons` from `0.334.1` to `0.336.0`

1.1.1

- ↪ Reimplemented the `"compact"` styling to work inside other callouts.
- ↪ Added current version number to this manual
- ↪ Replaced `func` with extended `style` parameter → allows now selecting custom function or predefined styles.

1.1.0

- ↪ Expanded `#callout` functions with support for custom render functions (via parameter `func: ...`)
- ↪ Added `style` parameter to `#callout` with three options: `"minimal"`, `"quarto"`, `"compact"`
- ↪ Added callout type `"caution"` and `"important"`.
- ↪ Removed `sticky` parameter from raw blocks

1.0.0

- ↪ initial release – added functions `#callout`
`#chribel`, `#chribel-add-callout-template`