

# Rubber Article - Template Documentation

v.0.3.1

## Contents

Example Usage .....	1
Styling functions .....	1
appendix .....	1
article .....	2
Constructor functions .....	6
maketitle .....	6

## Example Usage

```
1 #import "@preview/rubber-article:0.3.1": *
2 #show: article.with()
3 #maketitle(
4   title: "The Title of the Paper",
5   authors: ("Authors Name",),
6   date: datetime.today().display("[day].[month].[year]"),
7 )
```

## Styling functions

These functions are used to style certain elements of the document. They are usually called with a `#show` statement. They do not output any content, but rather modify the appearance of the document.

- `appendix()`
- `article()`

### appendix

Function to format the Appendix. This function is intended to be used after the document has been styled with the `article` function.

Example usage:

```
1 #show: article.with()
2 // A lot of content goes here...
3
4 #show: appendix.with(
5   title: "Appendix",
6   title-align: center,
7 )
```

## Parameters

```
appendix(  
    numbering: none str function ,  
    title: none str content ,  
    title-align: alignment ,  
    title-size: length ,  
    numbering-start: int ,  
    content  
) -> content
```

**numbering**    none or str or function

The numbering of the Appendix

Default: "A.1"

**title**    none or str or content

The title of the Appendix

Default: none

**title-align**    alignment

The alignment of the title

Default: center

**title-size**    length

The size of the title

Default: none

**numbering-start**    int

Startting the appendix after this number


Default: 0

## article

A Template recreating the look of the classic Article Class.

Example usage:

```
1 #show: article.with(  
2   lang: "de",  
3 )
```

 Typst

This will format the document with the specified options. For more styling options, explore the following parameters.

## Parameters

```
article(  
  lang: str,  
  eq-numbering: str or none,  
  eq-chapterwise: bool,  
  text-size: length,  
  page-numbering: none or str or function,  
  page-numbering-align: alignment,  
  heading-numbering: none or str or function,  
  margins: auto or relative or dictionary,  
  enum-indent: length,  
  list-indent: length,  
  show-header: bool,  
  alternating-header: bool,  
  first-page-header: int or float,  
  header-title: str or content,  
  justify: bool,  
  appendix: content,  
  appendix-numbering: none or str or function,  
  bibliography: content,  
  bib-title: str or content,  
  fig-caption-width: relative,  
  content: content  
) -> content
```

**lang**    `str`

Set the language of the document.

Default: `"de"`

**eq-numbering**    `str` or `none`

Set the equation numbering style.

Default: `none`

**eq-chapterwise**    `bool`

Chapterwise numbering of equations.

Default: `false`

**text-size**    `length`

Set the text size. Headings are adjusted automatically.

Default: `10pt`

**page-numbering** `none` or `str` or `function`

Set the page numbering style.

Default: `"1"`

**page-numbering-align** `alignment`

Set the page numbering alignment.

Default: `center`

**heading-numbering** `none` or `str` or `function`

Set the heading numbering style.

Default: `"1.1"`

**margins** `auto` or `relative` or `dictionary`

Set the margins of the document.

Default: (left: `25mm`, right: `25mm`, top: `30mm`, bottom: `30mm`)

**enum-indent** `length`

Set the Enum indentation.

Default: `1.5em`

**list-indent** `length`

Set the List indentation.

Default: `1.5em`

**show-header** `bool`

Set if the default header should be used.

Default: `false`

**alternating-header** `bool`

Set if the default header should be alternating.

Default: `true`

**first-page-header** `int` or `float`

Set the first page of the header.

Default: `1`

**header-title** `str` or `content`

Set the Header Titel

Default: `none`

**justify** `bool`

Set if document should be justified.

Default: `true`

**appendix** `content`

Add an appendix to the document.

Default: `none`

**appendix-numbering** `none` or `str` or `function`

Set the appendix numbering style.

Default: `"A.1"`

**bibliography** `content`

Add a bibliography to the document.

Default: `none`

**bib-title** `str` or `content`

Set the title of the bibliography.

Default: `"Bibliography"`

**fig-caption-width** `relative`

Set the width of the figure captions.

Default: `75%`

## Constructor functions

These functions are used to create certain elements of the document. They can be called with certain arguments and output some content.

- maketitle()

### maketitle

This function will display the frontmatter of the document. This includes the title, authors, and date.

Example usage:

```
1 #maketitle(t Typst
2   title: "The Title of the Paper",
3   authors: ("Authors Name",),
4   date: "2025-01-01",
5 )
```

### Parameters

```
maketitle(
  title: string content,
  authors: array,
  date: string content datetime,
  metadata: bool
) -> content
```

**title** string or content

The title of the document.

Default: ""

**authors** array

The authors of the document.

Default: ()

**date** string or content or datetime

The date of the document.

Default: none

**metadata** bool

Use title and author information for the document metadata.

Default: true