

For FHICT Reports That Actually Look Good

A Typst Template to Save Your Sanity - Version 1.2.0

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1. Introduction

Welcome to the FHICT Typst Document Template manual. This manual is designed to help you understand and utilize the features of the Typst document template tailored for FHICT (Fontys Hogeschool ICT). Whether you are a student or faculty member, this template will assist you in creating professional-looking documents with ease.

In this manual, you will find detailed information on the parameters available in the FHICT Typst Document Template, along with examples of how to use them. The template provides a range of customization options to suit your specific needs, from setting the document title and authors to enabling line numbering and generating a table of contents.

I hope you find this manual helpful and that it enhances your document creation experience with Typst.

Even if you are not specifically from the ICT course, this template may still be useful to you. It is designed to be flexible and can be adapted to suit various document types and purposes. FHICT is never named specifically in the template, so it can be used for any Fontys course.

2. License

This document template is licensed under the MIT License. You are free to use, modify, and distribute this template, provided that the original copyright notice and this permission notice are included in all copies or substantial portions of the template.

For more details, refer to the LICENSE file included in the repository.

Please note that not all content in the template is licensed under the MIT License. For example, the Roboto font used in the template is subject to its own licensing terms.

When copying content from this template, make sure to respect the licenses of any third-party resources used in the template.

3. Versioning


This template follows semantic versioning. The version number is composed of three parts: major, minor, and patch. For example, in version 1.2.3:

- The first number (1) is the major version, which changes when there are significant updates that may include breaking changes.
- The second number (2) is the minor version, which changes when small updates are added.
- The third number (3) is the patch version, which changes when backward-compatible bug fixes or small updates to documentation are made.

4. Importing


To use the FHICT Typst Document Template, you need to import it into your Typst document. You can do this by including the following line at the beginning of your document:

```
1 #import "@preview/unofficial-fhict-document-template:version": *
```

 Typst

It is also possible to download the template from the GitHub repository and import it locally. In that case the import statement would look like this:

```
1 #import "path/to/lib.typ": *
```

 Typst

5. Requirements

To use the FHICT Typst Document Template, you need the Roboto font installed on your system. This font is used for the text in the document.

Version 1.2.0 of the template is compatible with Typst version 0.13.

It may work with other versions of Typst, but it is recommended to use the specified version(s) for optimal compatibility.

6. Functions

6.1. **hlink**

This function is used to create a styled hyperlink.

url `string`

The URL the link points to.

Example: `"https://www.fontys.nl"`

content `string` or `none`

Default: `none`

The text which is displayed in the document. If set to none the link itself will be displayed.

Example: `"Visit Fontys website"`

Return value `content`

The styled text.

6.2. **sensitive**

This function is used to mark content as sensitive. It will print special characters instead of the provided content if active. It will only censor the text if the correct option has been set in the main function.

textl `string`

The content to censor.

Return value `content`

The text or special characters.

6.3. **ftable**

The ``ftable`` function is the same as a normal table function, except it only takes 2 parameters and one custom parameter. TODO.

style `int`

Default: `2`

Used to set the style of the table. The available styles are 1 through 7.

columns `array` or `none`

Default: `none`

Amount of columns and how wide they are.

Example: `(1fr, 1fr)`

tablec `content`

Cells to put in the table.

Example: `[A], [B]`

Return value `content`

Returns a table.

6.4. set-code-line-nr

This function is a helper function for the `codly` function.

It is intended to simplify the process of setting the line number for code blocks. You will need to call this function again if you want to change the line number. It does not reset the line number for the next code block.

start `int`

Default: `1`

The line number to start at.

Return value `none`

6.5. text-box

This function creates a styled text box with a customizable background color, stroke color, and text color.

background-color `color`

Default: `luma(240)`

The background color of the text box.

stroke-color `color`

Default: black

The color of the left border stroke.

text-color `color`

Default: black

The color of the text inside the box.

content `content`

The content to display inside the text box.

Return value `content`

A styled rectangular box containing the content.

6.6. lined-box

This function creates a bordered box with a title positioned at the top-left corner outside the border.

title `string` or `content`

The title to display at the top-left corner of the box.

body `content`

The content to display inside the box.

line-color `color`

Default: red

The color of the border and title text.

Return value `content`

A bordered box with title and content.

6.7. fhict-doc

The main document function that sets up the FHICT document template with all styling, layout, and structure. This function configures the entire document including cover page, table of contents, headers, footers, and content styling.

title `string`

Default: "Document Title"

The main title of the document.

subtitle `string` or `none`

Default: `none`

Optional subtitle for the document.

language `string`

Default: "en"

The language code for the document (e.g., 'en', 'nl', 'de', 'fr', 'es').

available-languages `array` or `none`

Default: `none`

List of available language codes to show language flags on cover page.

Example: ("en", "nl", "de")

date `string` or `none`

Default: `none`

Date to display on cover page. If none, uses current date.

authors-title `string` or `none`

Default: `none`

Title for the authors section on cover page.

authors `array` or `none`

Default: `none`

Array of author objects with 'name' and optionally 'email' fields.

Example: ((name: "John Doe", email: "john.doe@example.com"), (name: "Jane Smith", email: "jane.smith@example.com"))

assessors-title `string` or `none`

Default: `none`

Title for the assessors section on cover page.

assessors `array` or `none`

Default: `none`

Array of assessor objects with 'name', 'email', and optionally 'title' fields.

Example: ((title: "Supervisor", name: "Dr. Smith", email: "dr.smith@fontys.nl"), (title: "Co-assessor", name: "Prof. Johnson", email: "prof.johnson@fontys.nl"))

version-history `array` or `none`

Default: `none`

Array of version objects with 'version', 'date', 'author', and 'changes' fields.

Example: ((version: "1.0", date: "2025-01-01", author: "John Doe", changes: "Initial version"), (version: "1.1", date: "2025-02-01", author: "Jane Smith", changes: "Added new chapters"))

distribution-history `array` or `none`

Default: `none`

Array of distribution objects tracking who received the document, when, and how. Each entry contains 'recipient', 'organisation', 'date', 'method', and 'version' fields.

Example: ((recipient: "John Doe", organisation: "Company A", date: "2025-09-30", method: "Email", version: "1.0"), (recipient: "Jane Smith", organisation: "Company B", date: "2025-10-01", method: "Portal", version: "1.1"))

glossary-terms `array` or `none`

Default: `none`

Array of glossary term objects for generating a glossary.

Example: ((key: "API", short: "API", long: "Application Programming Interface"), (key: "URL", short: "URL", long: "Uniform Resource Locator"))

glossary-front `bool`

Default: `false`

Whether to place glossary at the front of the document (after TOC) instead of at the back.

bibliography-file `content` or `none`

Default: `none`

Bibliography content or file reference.

Example: `bibliography("references.bib")`

citation-style `string`

Default: `"ieee"`

Citation style to use (e.g., 'ieee', 'apa', 'chicago').

toc-depth `int`

Default: `3`

Maximum depth of headings to include in table of contents.

disable-toc `bool`

Default: `false`

Whether to disable the table of contents.

disable-chapter-numbering `bool`

Default: `false`

Whether to disable automatic chapter numbering.

disable-version-on-cover `bool`

Default: `false`

Whether to hide version number from cover page.

chapter-on-new-page `bool`

Default: `false`

Whether to start each chapter on a new page.

pre-toc `content` or `none`

Default: `none`

Content to include before the table of contents.

table-of-figures `bool` or `none`

Default: `none`

Whether to include a table of figures.

table-of-listings `bool` or `none`

Default: `none`

Whether to include a table of code listings.

table-of-tables `bool` or `none`

Default: `none`

Whether to include a table of tables.

appendix `content` or `none`

Default: `none`

Content to include as appendices.

watermark `string` or `none`

Default: `none`

Text to display as a watermark on all pages.

Example: "DRAFT"

censored `int`

Default: `0`

Whether to censor sensitive content (0 = no censoring, 1 = censor).

line-numbering `bool`

Default: `false`

Whether to enable line numbering in the document.

line-numbering-scope `string`

Default: `"page"`

Scope for line numbering ('page' or 'document').

print-extra-white-page `bool`

Default: `false`

Whether to print extra blank pages for proper double-sided printing.

NOTE: Can be buggy.

secondary-organisation-color `color` or `none`

Default: `none`

Color for secondary organization branding.

Example: `rgb("#1F3763")`

secondary-organisation-logo `bytes` or `none`

Default: `none`

Logo image for secondary organization displayed on cover page and footer (if no specific footer logo is provided).

Example: `read("Company.svg", encoding: none)`

secondary-organisation-footer-logo `bytes` or `none`

Default: `none`

Specific logo image for secondary organization to be displayed in footer. If provided, this takes priority over secondary-organisation-logo for footer display.

Example: `read("Company.svg", encoding: none)`

secondary-organisation-logo-cover-size `length`

Default: `3.5cm`

Size (height) of the secondary organization logo on the cover page.

secondary-organisation-logo-footer-size `length`

Default: `0.6cm`

Size (height) of the secondary organization logo in the footer.

disable-secondary-organisation-logo-footer

`bool`

Default: `false`

Whether to disable the secondary organization logo (any) from appearing in footers.

enable-index

`bool`

Default: `false`

Whether to enable document index generation.

index-columns

`int`

Default: `2`

Number of columns for the index layout.

header-content-spacing

`array`

Default: `(50%, 50%)`

Array defining spacing for header content (left and right sections).

body

`content`

The main content of the document.

Return value

`content`

A fully formatted FHICT document.